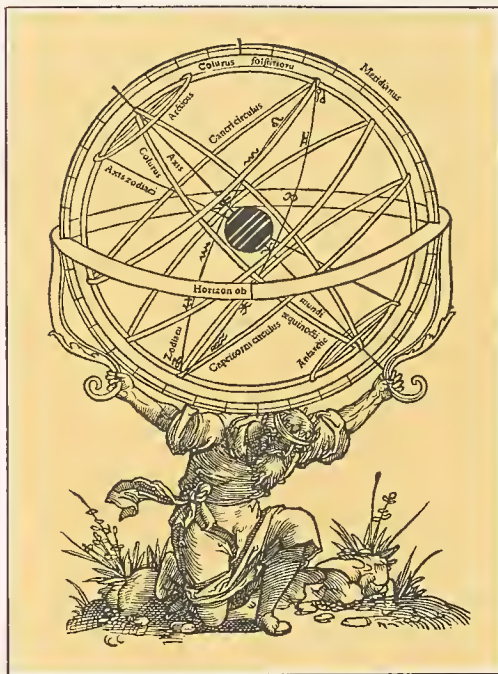






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Science and Technology*

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W. Hutton, in the Preface to his Tables of Logarithms, <sup>v/o</sup>  
says, "that the only notices I ever saw or heard of concerning  
this Book, is mentioned by Vieta himself in several  
parts of his other works collected by Schooten, and in  
the preface to those works by Elzevir the printer of  
them; as also in M. Montuclas's Histoire des Mathématiques.  
The Copies of which, he says, are so rare, that I never  
saw one besides that which is in my own possession,  
nor ever met any other person at all acquainted with  
such a Book. -

In describing the Book, he says, The first part, entitled  
Canon Mathematicus &c. contains all the Sines, Tangents, and  
Secants for every minute of the quadrant, to the radius of 100,000,  
with all their differences; and towards the end of the quadrant  
the Tangents and Secants are extended to 8 or 9 places of figures.  
They are arranged like our present Tables. But here the  
canon of what we <sup>now</sup> call Tangents is denominated *facundus*,  
and that of the Secants *facundissimus*. For the general idea  
prevailing in the form of these Tables, is, not that the lines  
represented by the numbers are those which are drawn in  
and about a Circle, as Sines, Tangents, and Secants, but the  
three sides of right angled Triangles; this being the way in  
which those lines had always been considered, and which  
still continued for some time longer. And therefore he  
considers the canon as a series of plane right angled  
Triangles, one side being constantly 100,000; or rather as three  
~~it~~ series of such Triangles, for he makes a distinct series  
for each of the three varieties, namely, according as the  
Hypothenuse, or the Base, or the Perpendicular is represented  
by the constant number 100,000, which is similar to the  
Radius. Making each side constantly 100,000, the other  
two sides are computed to every magnitude of the acute  
angle at the base, from 1 minute up to 90 deg. or the whole  
quadrant. Each of the three series therefore consists of two  
parts, as representing the two variable sides of the Triangle.  
When the Hypothenuse is made the constant number 100,000,  
the two variable sides of the Triangle are the Perpendicular  
and Base, or are Sine and Cosine; when the Base is  
100,000, the Perpendicular and Hypothenuse are the variable  
parts, forming the canon *facundus* et *facundissimus*, or are



Tangent and Secant; and when the Perpendicular is made the constant 100,000, the series contains the variable Base and Hypothenuse, or also canon secundus et secundus-sinus; or our Cotangent and Cosecant. Of course, therefore the Tables consists of six columns, 2 for each of the 3 series besides the two columns on the right and left for minutes from 0 to 60 in each degree.

The second part of the Book contains the construction of the Tables, a compendious treatise on Plane & Spherical Trigonometry, with the application of them to a great variety of curious subjects in Geometry and Mensuration treated in a very learned manner; as also many curious observations concerning the Quadrature of the Circle, the Duplication of the Cubes, &c. Computations are here given of the ratio of the Diameter of a Circle to the Circumference, and of the length of the sine of 1 minute both to many places of figures; by which he found that the sine of 1 minute is between 2,908,881,959 and 2,908,882,056; also, the diameter of a Circle being 1000 &c, that the Perimeter of the inscribed and circumscribed Polygon of 393.  $\frac{2}{3}$  sides, will be as follows;

Perimeter of the inscribed Polygon 314.159.265.35

Perim. - of the circums. - Pol - 314.159.265.37

and that therefore the circumference of the circle lies between those two numbers. &c &c

For more particulars ———— vide Preface Dr. Hutton's Mathematical Tables.











*W. B. Ruyntunff. Goups Inu.*

*9*

FRANCISCI VIETÆI  
O P E R A M A  
T H E M A T I C A  
I N Q V I B V S T R A C T A T V R  
C A N O N M A T H E M A T I C V S,  
S E V  
A D T R I A N G V L A.

Item Canonion triangulorum laterum rationalium: vnà cum  
vniuersalium inspectionum ad Canonem Mathe-  
maticum, libro singulari.

*Que quidem omnia illustrantur Tabulis & Appendicibus  
ab eodem authore recognitis.*



L O N D I N I.  
Apud Franciscum Bouuier.

*M. D. LXXXIX.* *1689*



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CANON MATHEMATICVS,

SEV,

AD TRIANGVLA.



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nuse con- gruus.	Circu- commo-	Hypotenusa 100, 000		Basis 100, 000		Perpendicularum 100, 000		load- dati
	PERIPHERIA Perpendicularo congrua.	Perpendicularum	Basis	Perpendicularum	Hypotenusa	Basis	Hypotenusa	
	PART.	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
	SCRVP.	PRIMA		SECUNDA		TERTIA		

* Adde ser. o. secunda 2. tertia 3 4 ut aliquis constituatur terminus, et non fra- gantur nu- meri, vel a- scendant in infinitum.	I	28 29	100,000 0000 99,999 9958	I	28 29	100,000 0000 100,000 0042	10,000,000,000 343,774,668	10,000,000,000 343,774,682	LX
	II	29 58	99,999 9831	II	29 58	100,000 0169	171,887,319	171,887,348	LIX
	III	29 87	99,999 962+	III	29 87	100,000 038+	57,295,789	57,295,774	LVIII
	IIII	29 116	99,999 932	IIII	29 116	100,000 068	114,591,530	114,591,574	LVII
	V	29 145	99,999 894	V	29 145	100,000 106	28,647,899	28,647,885	LVI
	VI	30 175	99,999 848	VI	30 175	100,000 152	85,943,631	85,943,689	LV
	VII	29 204	99,999 793	VII	29 204	100,000 207	17,188,744	17,188,729	LV
	VIII	29 233	99,999 729	VIII	29 233	100,000 271	68,754,887	68,754,960	LIII
	IX	29 262	99,999 657	IX	29 262	100,000 343	11,459,166	11,459,151	LII
	X	29 291	99,999 577	X	29 291	100,000 423	57,295,721	57,295,809	L
XI	29 320	99,999 488	XI	29 320	100,000 512	8,185,122	8,185,108	XLIX	
XII	29 349	99,999 391	XII	29 349	100,000 609	49,110,599	49,110,701	XLVIII	
XIII	29 378	99,999 285	XIII	29 378	100,000 715	6,138,872	6,138,828	XLVII	
XIIII	29 407	99,999 171	XIIII	29 407	100,000 829	4,774,658	4,774,643	XLVI	
XV	29 436	99,999 048	XV	29 436	100,000 952	3,819,728	3,819,714	XLV	
XVI	29 465	99,998 917	XVI	29 465	100,001 083	34,377,371	34,377,516	XL	
XVII	30 495	99,998 777	XVII	30 495	100,001 223	3,125,234	3,125,219	XLIX	
XVIII	29 524	99,998 629	XVIII	29 524	100,001 371	2,504,364	2,504,349	XLVIII	
XIX	29 553	99,998 473	XIX	29 553	100,001 527	28,647,773	28,647,948	XLVII	
XX	29 582	99,998 308	XX	29 582	100,001 692	26,444,080	26,444,269	XLVI	
XXI	29 611	99,998 135	XXI	29 611	100,001 865	24,555,198	24,555,402	XLV	
XXII	29 640	99,997 953	XXII	29 640	100,002 047	22,918,166	22,918,385	XLIIII	
XXIII	29 669	99,997 762	XXIII	29 669	100,002 238	21,485,762	21,485,995	XLIII	
XXIIII	29 698	99,997 563	XXIIII	29 698	100,002 437	20,221,875	20,222,122	XLII	
XXV	29 727	99,997 36+	XXV	29 727	100,002 64+	19,098,419	19,098,081	XLI	
XXVI	29 756	99,997 14	XXVI	29 756	100,002 86	18,093,220	18,093,496	XL	
XXVII	29 785	99,996 92	XXVII	29 785	100,003 08	17,188,540	17,188,830	XXXIX	
XXVIII	29 814	99,996 68	XXVIII	29 814	100,003 32	16,370,019	16,370,324	XXXVIII	
XXIX	30 844	99,996 44	XXIX	30 844	100,003 56	15,625,909	15,626,229	XX XVII	
XXX	29 873	99,996 19	XXX	29 873	100,003 81	14,946,502	14,946,837	XXXVI	


		PRIMA		SECUNDA SERIE		TERTIA		SCRVP. LXXXIX.	
		num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		PART.	
congrua Basi RESIDVA		Basis Perpendicularum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendicularum		Perpendicularum Hypotenusa 100,000 Basis		congrua Perpendicularo PERIPHERIA	
dari load-								commo- Circu-	
								gruus nute con- Hypote- lus rectus. part.Angu- circuli xc. Quadrans	

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- grua.	Circu- commo- PERIPHERIA. Perpendiculo congrua PART.  SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimôque SERIE		E CANONE FÆCVNDO Fæcundissimôque		
		PRIMA		SECUNDA		TERTIA		
XXX		873	99,996 19	873	100,003 81	11,458,865	11,459,301	XXX
XXXI		902	99,995 93	902	100,004 07	11,089,205	11,089,656	XXIX
XXXII		931	99,995 66	931	100,004 33	10,742,648	10,743,114	XXVIII
XXXIII		960	99,995 39	960	100,004 61	10,416,094	10,416,574	XXVII
XXXIII		989	99,995 11	989	100,004 89	10,110,690	10,111,185	XXVI
XXXV		I, 018	99,994 82	I, 018	100,005 18	9,821,794	9,822,303	XXV
XXXVI		I, 047	99,994 52	I, 047	100,005 48	9,548,948	9,549,471	XXIV
XXXVII		I, 076	99,994 21	I, 076	100,005 79	9,290,849	9,291,387	XXIII
XXXVIII		I, 105	99,993 89	I, 105	100,006 11	9,046,334	9,046,886	XXII
XXXIX		I, 134	99,993 57	I, 135	100,006 43	8,814,357	8,814,924	XXI
XL		I, 164	99,993 23	I, 164	100,006 77	8,593,979	8,594,561	XX
XLI		I, 193	99,992 89	I, 193	100,007 11	8,384,351	8,384,947	XIX
XLII		I, 222	99,992 54	I, 222	100,007 46	8,184,704	8,184,315	XVIII
XLIII		I, 251	99,992 18	I, 251	100,007 82	7,994,343	7,994,968	XVII
XLIII		I, 280	99,991 81	I, 280	100,008 19	7,812,634	7,813,274	XVI
XLV		I, 309	99,991 43	I, 309	100,008 57	7,639,001	7,639,655	XV
XLVI		I, 338	99,991 35	I, 338	100,008 95	7,472,417	7,473,586	XIV
XLVII		I, 367	99,990 66	I, 367	100,009 34	7,313,899	7,314,583	XIII
XLVIII		I, 396	99,990 25	I, 396	100,009 75	7,161,507	7,162,205	XII
XLIX		I, 425	99,989 84	I, 425	100,010 16	7,015,335	7,016,047	XI
L		I, 454	99,989 24	I, 455	100,010 58	6,875,009	6,875,736	X
LI		I, 483	99,989 00	I, 484	100,011 00	6,740,186	6,740,927	IX
LII		I, 513	99,988 56	I, 513	100,011 44	6,610,547	6,611,304	VIII
LIII		I, 542	99,988 12	I, 542	100,011 88	6,485,801	6,486,572	VII
LIII		I, 571	99,987 67	I, 571	100,012 33	6,365,674	6,366,460	VI
LV		I, 600	99,987 20	I, 600	100,012 80	6,249,915	6,249,715	V
LVI		I, 629	99,986 73	I, 629	100,013 27	6,138,291	6,138,105	IIII
LVII		I, 658	99,986 25	I, 658	100,013 75	6,030,582	6,031,411	III
LVIII		I, 687	99,985 77	I, 687	100,014 23	5,926,587	5,927,431	II
LIX		I, 716	99,985 27	I, 716	100,014 73	5,826,117	5,826,976	I
LX		I, 745	99,984 77	I, 746	100,015 23	5,728,996	5,729,869	◆

\* Centesima  
integræ, ut  
ante Milesi-  
simam, & de-  
cies Milesi-  
mam, & mor-  
Desima.

PRIMA		SECUNDA SERIE		TERTIA		LXXXIX. PART.	
num E CANONE SI-		Fæcundissimôque E CANONE FÆCVNDO		Fæcundissimôque E CANONE FÆCVNDO		PART.	
congrua Basi RESIDVA	Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	congrua Perpendiculo PERIPHERIA
	100,000		100,000		100,000		
	Hypotenusa		Perpendiculum		Basis		
dati Circu-						commo- lo ad-	

graus nusa con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans
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## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nuse con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypothenuſa 100,000		Basis 100,000		Perpendiculum 100,000		lo ad- dati
		Perpendiculum Basis		Perpendiculum Hypotenusa		Basis Hypotenusa		
		E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundiſſimòque		E CANONE FÆCVNDO Fæcundiſſimòque		
		PRIMA		SERIE SECUNDA		TERTIA		
PART.		I.		I.		I.		
SCRVP.		I.		I.		I.		
I.		1,745	99,984 77	1,746	100,015 23	5,728,996	5,729,869	LX
II		1,774	99,984 26	1,775	100,015 74	5,635,059	5,636,946	LIX
III		1,803	99,983 74	1,804	100,016 26	5,544,152	5,545,053	LVIII
IIII		1,833	99,983 21	1,833	100,016 79	5,456,130	5,457,046	LVII
V		1,862	99,982 67	1,862	100,017 33	5,370,858	5,371,789	LVI
VI		1,891	99,982 12	1,891	100,017 88	5,288,211	5,289,156	LV
VII		1,920	99,981 57	1,920	100,018 44	5,208,067	5,209,027	LIIII
VIII		1,949	99,981 01	1,949	100,019 00	5,130,315	5,131,290	LIII
IX		1,978	99,980 44	1,978	100,019 57	5,054,850	5,055,839	LII
X		2,007	99,979 86	2,007	100,020 15	4,981,573	4,982,576	LI
XI		2,036	99,979 27	2,036	100,020 74	4,910,388	4,911,406	L
XII		2,065	99,978 67	2,066	100,021 34	4,841,208	4,842,241	XLIX
XIII		2,094	99,978 06	2,095	100,021 95	4,773,950	4,774,997	XLVIII
XIIII		2,123	99,977 45	2,124	100,022 56	4,708,534	4,709,596	XLVII
XV		2,152	99,976 83	2,153	100,023 18	4,644,886	4,645,963	XLVI
XVI		2,181	99,976 20	2,182	100,023 81	4,582,935	4,584,026	XLV
XVII		2,211	99,975 56	2,211	100,024 45	4,522,614	4,523,720	XLIIII
XVIII		2,240	99,974 91	2,240	100,025 10	4,463,860	4,464,980	XLIII
XIX		2,269	99,974 25	2,269	100,025 76	4,406,611	4,407,746	XLII
XX		2,298	99,973 59	2,298	100,026 42	4,350,812	4,351,961	XLI
XXI		2,327	99,972 92	2,328	100,027 09	4,296,408	4,297,571	XL
XXII		2,356	99,972 24	2,357	100,027 77	4,243,346	4,244,525	XXXIX
XXIII		2,385	99,971 55	2,386	100,028 46	4,191,579	4,192,772	XXXVIII
XXIIII		2,414	99,970 85	2,415	100,029 16	4,141,059	4,142,266	XXXVII
XXV		2,443	99,970 14	2,444	100,029 87	4,091,741	4,092,963	XXXVI
XXVI		2,472	99,969 43	2,473	100,030 58	4,043,584	4,044,820	XXXV
XXVII		2,501	99,968 71	2,502	100,031 30	3,996,546	3,997,797	XXXIIII
XXVIII		2,530	99,967 98	2,531	100,032 03	3,950,589	3,951,855	XXXIII
XXIX		2,560	99,967 24	2,560	100,032 77	3,905,677	3,906,957	XXXII
XXX		2,589	99,966 49	2,589	100,033 52	3,861,774	3,863,069	XXXI
		2,618	99,965 73	2,619	100,034 28	3,818,845	3,820,155	XXX

PRIMA		SECUNDA SERIE		TERTIA		SCRVP. LXXXVIII.	
num E CANONE SI-		Fæcundiſſimòque E CANONE FÆCVNDO		Fæcundiſſimòque E CANONE FÆCVNDO		PART.	
congrua Basi RESIDVA	Basi	Perpendicularum	Basi	Hypotenuſa	Perpendicularum	Hypotenuſa	congrua Perpendiculo PERIPHERIA
	100,000		100,000		100,000		
	Hypotenuſa		Perpendicularum		Basi		
dati lo ad-						commo Circu-	
						gruus nuſæ con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans	

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus,	Circu- commo- PERIPHERIA Perpendiculo congrua	PART.  I.  SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati  RESIDVA Basi congrua
			E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE SECUNDA		E CANONE FÆCVNDO Fæcundissimòque TERTIA		
			PRIMA						
XXX	2,618	99,965 73	2,619	100,034 28	3,818,845	3,820,155	XXX		
XXXI	2,647	99,964 96	2,648	100,035 05	3,776,881	3,778,205	XXIX		
XXXII	2,676	99,964 19	2,677	100,035 82	3,735,789	3,737,138	XXVIII		
XXXIII	2,705	99,963 41	2,706	100,036 60	3,695,600	3,696,953	XXVII		
XXXIII	2,734	99,962 62	2,735	100,037 39	3,656,266	3,657,633	XXVI		
XXXV	2,763	99,961 82	2,764	100,038 19	3,617,760	3,619,141	XXV		
XXXVI	2,792	99,961 01	2,793	100,039 00	3,580,055	3,581,452	XXIIII		
XXXVII	2,821	99,960 19	2,822	100,039 82	3,543,128	3,544,539	XXIII		
XXXVIII	2,850	99,959 37	2,851	100,040 65	3,506,955	3,508,380	XXII		
XXXIX	2,879	99,958 54	2,881	100,041 48	3,471,512	3,472,952	XXI		
XL	2,908	99,957 70	2,910	100,042 32	3,436,777	3,438,232	XX		
XLI	2,938	99,956 85	2,939	100,043 17	3,402,730	3,404,199	XIX		
XLII	2,967	99,955 99	2,968	100,044 03	3,369,351	3,370,835	XVIII		
XLIII	2,996	99,955 12	2,997	100,044 90	3,336,619	3,338,118	XVII		
XLIII	3,025	99,954 24	3,026	100,045 78	3,304,517	3,306,030	XVI		
XLV	3,054	99,953 36	3,055	100,046 66	3,273,026	3,274,554	XV		
XLVI	3,083	99,952 47	3,084	100,047 55	3,242,129	3,243,671	XIIII		
XLVII	3,112	99,951 57	3,114	100,048 45	3,211,810	3,213,366	XIII		
XLVIII	3,141	99,950 66	3,143	100,049 36	3,182,052	3,183,623	XII		
XLIX	3,170	99,949 74	3,172	100,050 28	3,152,839	3,154,445	XI		
L	3,199	99,948 81	3,201	100,051 22	3,124,158	3,125,758	X		
LI	3,228	99,947 87	3,230	100,052 16	3,095,994	3,097,608	IX		
LII	3,257	99,946 93	3,259	100,053 10	3,068,331	3,069,960	VIII		
LIII	3,286	99,945 98	3,288	100,054 05	3,041,158	3,042,802	VII		
LIII	3,316	99,945 02	3,317	100,055 01	3,014,462	3,016,120	VI		
LV	3,345	99,944 05	3,346	100,055 98	2,988,230	2,989,903	V		
LVI	3,374	99,943 07	3,376	100,056 96	2,962,450	2,964,137	IIII		
LVII	3,403	99,942 08	3,405	100,057 95	2,937,111	2,938,812	III		
LVIII	3,432	99,941 09	3,434	100,058 94	2,912,200	2,913,917	II		
LIX	3,461	99,940 09	3,463	100,059 94	2,887,710	2,889,441	I		
LX	3,490	99,939 08	3,492	100,060 96	2,863,625	2,865,371	◆		
PRIMA		SECUNDA SERIE		TERTIA		SCRVP.			
num		Fæcundissimòque		Fæcundissimòque		LXXXVIII.			
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.			
congrua Basi RESIDVA	Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Perpendiculum Hypotenusa 100,000 Basis		congrua Perpendiculo PERIPHERIA commo- Circu-		
dati lo ad-						gruus nusa con- Hypote- lus rectus, part. Angu- circuli xc Quadrans,			

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	PART. II. SCRVP.	Hypotenusa 100, 000 Perpendiculum Basis		Basis 100, 000 Perpendiculum Hypotenusa		Perpendiculum 100, 000 Basis Hypotenusa		load- dati RESIDVA Basi congrua
			E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE SECYNDÆ		E CANONE FÆCVNDO Fæcundissimòque TERTIÆ		
			PRIMÆ		SECYNDÆ		TERTIÆ		
I			3, 490	99, 939 08	3, 492	100, 060 96	2, 863, 625	2, 865, 371	LX
II			3, 519	99, 938 06	3, 521	100, 061 98	2, 839, 940	2, 841, 700	LIX
III			3, 548	99, 937 03	3, 550	100, 063 01	2, 816, 642	2, 818, 417	LVIII
IIII			3, 577	99, 935 99	3, 579	100, 064 05	2, 793, 723	2, 795, 512	LVII
V			3, 606	99, 934 95	3, 609	100, 065 09	2, 771, 174	2, 772, 978	LVI
VI			3, 635	99, 933 90	3, 638	100, 066 15	2, 748, 985	2, 750, 804	LV
VII			3, 664	99, 932 84	3, 667	100, 067 21	2, 727, 149	2, 728, 981	LIIII
VIII			3, 693	99, 931 77	3, 696	100, 068 28	2, 705, 656	2, 707, 504	LIII
IX			3, 723	99, 930 69	3, 725	100, 069 36	2, 684, 498	2, 686, 360	LII
X			3, 752	99, 929 60	3, 754	100, 070 45	2, 663, 669	2, 665, 546	LI
XI			3, 781	99, 928 50	3, 783	100, 071 55	2, 643, 160	2, 645, 051	L
XII			3, 810	99, 927 40	3, 812	100, 072 65	2, 622, 964	2, 624, 869	XLIX
XIII			3, 839	99, 926 29	3, 842	100, 073 76	2, 603, 074	2, 604, 994	XLVIII
XIIII			3, 868	99, 925 17	3, 871	100, 074 88	2, 583, 482	2, 585, 416	XLVII
XV			3, 897	99, 924 04	3, 900	100, 076 01	2, 564, 183	2, 566, 132	XLVI
XVI			3, 926	99, 922 90	3, 929	100, 077 16	2, 545, 170	2, 547, 134	XLV
XVII			3, 955	99, 921 75	3, 958	100, 078 31	2, 526, 436	2, 528, 414	XLIIII
XVIII			3, 984	99, 920 60	3, 987	100, 079 46	2, 507, 976	2, 509, 968	XLIII
XIX			4, 013	99, 919 44	4, 016	100, 080 62	2, 489, 783	2, 491, 790	XLII
XX			4, 042	99, 918 27	4, 046	100, 081 79	2, 471, 841	2, 473, 863	XLI
XXI			4, 071	99, 917 09	4, 075	100, 082 98	2, 454, 176	2, 456, 212	XL
XXII			4, 100	99, 915 90	4, 104	100, 084 17	2, 436, 751	2, 438, 802	XXXIX
XXIII			4, 129	99, 914 70	4, 133	100, 085 37	2, 419, 571	2, 421, 637	XXXVIII
XXIIII			4, 159	99, 913 49	4, 162	100, 086 58	2, 402, 632	2, 404, 712	XX XVII
XXV			4, 188	99, 912 28	4, 191	100, 087 79	2, 385, 928	2, 388, 023	XXXVI
XXVI			4, 217	99, 911 06	4, 220	100, 089 02	2, 369, 454	2, 371, 563	XXXV
XXVII			4, 246	99, 909 83	4, 250	100, 090 25	2, 353, 205	2, 355, 329	XXXIIII
XXVIII			4, 275	99, 908 59	4, 279	100, 091 49	2, 337, 177	2, 339, 315	XXXIII
XXIX			4, 304	99, 907 34	4, 308	100, 092 74	2, 321, 367	2, 323, 520	XXXII
XXX			4, 333	99, 906 08	4, 337	100, 094 00	2, 305, 768	2, 307, 936	XXXI
			4, 362	99, 904 82	4, 366	100, 095 27	2, 290, 377	2, 292, 559	XXX

congrua Basi RESIDVA  dati lo ad-	PRIMÆ num E CANONE SI-		SECYNDÆ SERIE Fæcundissimòque E CANONE FÆCVNDO		TERTIÆ Fæcundissimòque E CANONE FÆCVNDO		SCRVP. LXXXVII. PART.		gruus nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans
	Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		congrua Perpendiculo PERIPHERIA		
	100, 000		100, 000		100, 000		commo- Circu-		
	Hypotenusa		Perpendiculum		Basis				

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- grua.	Circu- commo-	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		lo ad- dati
	PERIPHERIA. Perpendiculo congrua	Perpendiculum	Basis	Perpendiculum	Hypotenusa	Basis	Hypotenusa	RESIDVA Basi congrua
	PART.	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
	II.	PRIMÆ		SERIE SECYNDÆ		TERTIÆ		
SCRVP.								
XXX	4,362	99,904 82	4,366	100,095 27	2,290,377	2,292,559	XXX	
XXXI	4,391	99,903 55	4,395	100,096 55	2,275,190	2,277,387	XXIX	
XXXII	4,420	99,902 27	4,424	100,097 83	2,260,202	2,262,413	XXVIII	
XXXIII	4,449	99,900 98	4,454	100,099 12	2,245,409	2,247,634	XXVII	
XXXIII	4,478	99,899 68	4,483	100,100 43	2,230,809	2,233,050	XXVI	
XXXV	4,507	99,898 37	4,512	100,101 74	2,216,398	2,218,652	XXV	
XXXVI	4,536	99,897 06	4,541	100,103 06	2,202,171	2,204,440	XXIII	
XXXVII	4,565	99,895 74	4,570	100,104 39	2,188,125	2,190,409	XXII	
XXXVIII	4,594	99,894 41	4,599	100,105 72	2,174,257	2,176,555	XXI	
XXXIX	4,623	99,893 07	4,628	100,107 06	2,160,563	2,162,876	XX	
XL	4,653	99,891 72	4,658	100,108 41	2,147,040	2,149,368	XIX	
XLI	4,682	99,890 36	4,687	100,109 77	2,133,685	2,136,027	XVIII	
XLII	4,711	99,888 99	4,716	100,111 14	2,120,496	2,122,852	XVII	
XLIII	4,740	99,887 61	4,745	100,112 52	2,107,467	2,109,839	XVI	
XLIII	4,769	99,886 23	4,774	100,113 90	2,094,597	2,096,982	XV	
XLV	4,798	99,884 84	4,803	100,115 29	2,081,883	2,084,283	XIII	
XLVI	4,827	99,883 44	4,833	100,116 70	2,069,322	2,071,737	XII	
XLVII	4,856	99,882 03	4,862	100,118 11	2,056,912	2,059,341	XI	
XLVIII	4,885	99,880 61	4,891	100,119 52	2,044,649	2,047,092	X	
XLIX	4,914	99,879 18	4,920	100,120 98	2,032,531	2,034,990	IX	
L	4,943	99,877 75	4,949	100,122 38	2,020,555	2,023,028	VIII	
LI	4,972	99,876 31	4,978	100,123 83	2,008,720	2,011,208	VII	
LII	5,001	99,874 86	5,007	100,125 28	1,997,022	1,999,524	VI	
LIII	5,030	99,873 40	5,037	100,126 74	1,985,459	1,987,975	V	
LIII	5,059	99,871 93	5,066	100,128 22	1,974,029	1,976,560	IIII	
LV	5,088	99,870 45	5,095	100,129 70	1,962,729	1,965,275	IIII	
LVI	5,117	99,868 97	5,124	100,131 19	1,951,558	1,954,118	IIII	
LVII	5,146	99,867 48	5,153	100,132 69	1,940,512	1,943,087	IIII	
LVIII	5,176	99,865 98	5,182	100,134 19	1,929,592	1,932,182	IIII	
LIX	5,205	99,864 47	5,212	100,135 70	1,918,793	1,921,396	IIII	
LX	5,234	99,862 95	5,241	100,137 23	1,908,114	1,910,732	IIII	
PRIMÆ		SECYNDÆ		TERTIÆ		SCRVP.		
num		SERIE		Fæcundissimòque		LXXXVII.		
E CANONE SI-		Fæcundissimòque		E CANONE FÆCVNDO		PART.		
congrua Basi RESIDVA	Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	congrua Perpendiculo PERIPHERIA	
	100,000		100,000		100,000			
	Hypotenusa		Perpendiculum		Basis			
dati							gruus nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans	
lo ad-							commo- Circu-	

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA. Perpendiculo congrua	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		RESIDVA Basi congrua
		Perpendiculum	Basis	Perpendiculum	Hypotenusa	Basis	Hypotenusa	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque SERIE.		E CANONE FÆCVNDO Fæcundissimoque		
		PRIMA		SECUNDA		TERTIA		
PART. III. SCRVP.								
		5,234	99,862 95	5,241	100,137 23	1,908,114	1,910,732	LX
I		5,263	99,861 43	5,270	100,138 75	1,897,552	1,900,185	LIX
II		5,292	99,859 89	5,299	100,140 29	1,887,107	1,889,755	LVIII
III		5,321	99,858 35	5,328	100,141 84	1,876,775	1,879,438	LVII
IIII		5,350	99,856 80	5,357	100,143 39	1,866,556	1,869,233	LVI
V		5,379	99,855 24	5,387	100,144 95	1,856,446	1,859,138	LV
VI		5,408	99,853 67	5,416	100,146 53	1,846,446	1,849,152	LIIII
VII		5,437	99,852 09	5,445	100,148 11	1,836,553	1,839,274	LIII
VIII		5,466	99,850 50	5,474	100,149 70	1,826,765	1,829,500	LII
IX		5,495	99,848 91	5,503	100,151 30	1,817,081	1,819,831	LI
X		5,524	99,847 31	5,533	100,152 91	1,807,498	1,810,262	L
XI		5,553	99,845 70	5,562	100,154 53	1,798,015	1,800,794	XLIX
XII		5,582	99,844 08	5,591	100,156 15	1,788,630	1,791,424	XLVIII
XIII		5,611	99,842 45	5,620	100,157 78	1,779,343	1,782,152	XLVII
XIIII		5,640	99,840 81	5,649	100,159 42	1,770,152	1,772,975	XLVI
XV		5,669	99,839 17	5,678	100,161 07	1,761,057	1,763,895	XLV
XVI		5,698	99,837 52	5,708	100,162 73	1,752,052	1,754,904	XLIIII
XVII		5,727	99,835 86	5,737	100,164 40	1,743,139	1,746,006	XLIII
XVIII		5,756	99,834 19	5,766	100,166 08	1,734,316	1,737,199	XLII
XIX		5,785	99,832 51	5,795	100,167 77	1,725,581	1,728,477	XLI
XX		5,814	99,830 82	5,824	100,169 46	1,716,934	1,719,844	XL
XXI		5,844	99,829 12	5,854	100,171 16	1,708,373	1,711,298	XXXIX
XXII		5,873	99,827 42	5,883	100,172 87	1,699,896	1,702,835	XXXVIII
XXIII		5,902	99,825 71	5,912	100,174 59	1,691,502	1,694,456	XXXVII
XXIIII		5,931	99,823 99	5,941	100,176 32	1,683,191	1,686,159	XXXVI
XXV		5,960	99,822 26	5,970	100,178 06	1,674,961	1,677,944	XXXV
XXVI		5,989	99,820 52	5,999	100,179 81	1,666,811	1,669,808	XXXIIII
XXVII		6,018	99,818 77	6,029	100,181 57	1,658,740	1,661,752	XXXIII
XXVIII		6,047	99,817 01	6,058	100,183 33	1,650,746	1,653,772	XXXII
XXIX		6,076	99,815 25	6,087	100,185 10	1,642,828	1,645,869	XXXI
XXX		6,105	99,813 48	6,116	100,186 87	1,634,985	1,638,040	XXX

congrua Basi RESIDVA	PRIMA	SECUNDA	TERTIA	SCRVP.	gruus nula: con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans
		SERIE		LXXXVI.	
	num	Fæcundissimoque	Fæcundissimoque	PART.	
	E CANONE SI-	E CANONE FÆCVNDO	E CANONE FÆCVNDO		
	Basis Perpendiculum	Basis Hypotenusa	Perpendiculum Hypotenusa	congrua Perpendiculo PERIPHERIA	
	100, 000 Hypotenusa	100, 000 Perpendiculum	100, 000 Basis	Circu- commo-	
dati load.					

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nuse con- gruus.	Circu- commo-	Hypotenusa 100, 000		Basis 100, 000		Perpendicularum 100, 000		load- dati  RESIDVA Basi congrua
	PERIPHERIA. Perpendiculo congrua	Perpendicularum	Basis	Perpendicularum	Hypotenusa	Basis	Hypotenusa	
	PART.	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		
	III.	PRIMA		SECUNDA		TERTIA		
	SCRVP.							

XXX	6,105	99,813	48	6,116	100,186	87	1,634,985	1,638,040	XXX
XXXI	6,134	99,811	70	6,145	100,188	65	1,627,218	1,630,287	XXIX
XXXII	6,163	99,809	91	6,175	100,190	44	1,619,522	1,622,606	XXVIII
XXXIII	6,192	99,808	11	6,204	100,192	24	1,611,900	1,614,999	XXVII
XXXIII	6,221	99,806	31	6,233	100,194	05	1,604,249	1,607,462	XXVI
XXXV	6,250	99,804	50	6,262	100,195	87	1,596,867	1,599,995	XXV
XXXVI	6,279	99,802	68	6,291	100,197	70	1,589,455	1,592,596	XXIII
XXXVII	6,308	99,800	85	6,321	100,199	54	1,582,110	1,585,267	XXII
XXXVIII	6,337	99,799	01	6,350	100,201	38	1,574,834	1,578,005	XXI
XXXIX	6,366	99,797	76	6,379	100,203	24	1,567,623	1,570,809	XX
XL	6,395	99,795	30	6,408	100,205	10	1,560,478	1,563,679	XIX
XLI	6,424	99,793	43	7,437	100,206	98	1,553,398	1,556,614	XVIII
XLII	6,453	99,791	56	6,467	100,208	86	1,546,382	1,549,612	XVII
XLIII	6,482	99,789	68	6,496	100,210	86	1,539,428	1,542,673	XVI
XLIII	6,511	99,787	79	6,525	100,212	66	1,532,936	1,535,795	XV
XLV	6,540	99,785	89	6,554	100,214	56	1,525,705	1,528,979	XIII
XLVI	6,569	99,783	98	6,584	100,216	49	1,518,935	1,522,223	XII
XLVII	6,598	99,782	07	6,613	100,218	42	1,512,224	1,515,527	XI
XLVIII	6,627	99,780	35	6,642	100,220	35	1,505,572	1,508,890	X
XLIX	6,656	99,778	22	6,671	100,222	39	1,498,978	1,502,310	IX
L	6,685	99,776	28	6,700	100,224	24	1,492,441	1,495,788	VIII
LI	6,714	99,774	33	6,730	100,226	20	1,485,961	1,489,322	VII
LII	6,743	99,772	37	6,759	100,228	17	1,479,537	1,482,913	VI
LIII	6,773	99,770	40	6,788	100,230	15	1,473,168	1,476,558	V
LIII	6,802	99,768	43	6,817	100,232	13	1,466,853	1,470,258	IIII
LV	6,831	99,766	45	6,847	100,234	12	1,460,591	1,464,010	III
LVI	6,860	99,764	46	6,876	100,236	12	1,854,384	1,457,817	II
LVII	6,889	99,762	46	6,905	100,238	13	1,448,228	1,451,675	I
LVIII	6,918	99,760	45	6,934	100,240	14	1,442,123	1,445,586	◆
LIX	6,947	99,758	43	6,963	100,242	17	1,436,070	1,439,547	
LX	6,976	99,756	40	6,993	100,244	20	1,430,067	1,433,559	

congrua Basi RESIDVA  dati load-	PRIMA		SECUNDA		TERTIA		SCRYP. LXXXVI.	
	num		Fæcundissimóque		Fæcundissimóque		PART.	
	E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua	
	Basis	Perpendicularum	Basis	Hypotenusa	Perpendicularum	Hypotenusa	Perpendiculo	PERIPHERIA
	100, 000	Hypotenusa	100, 000	Perpendicularum	100, 000	Basis	commo- Circu-	

gruus nuta con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans
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TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. III. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SERIE SECUNDA		TERTIA		
◆		6,976	99,756 40	6,993	100,244 20	I,430,067	I,433,559	LX
I		7,005	99,754 37	7,022	100,246 25	I,424,114	I,427,620	LIX
II		7,034	99,752 33	7,051	100,248 30	I,418,209	I,421,730	LVIII
III		7,063	99,750 28	7,080	100,250 36	I,412,353	I,415,888	LVII
IIII		7,092	99,748 22	7,110	100,252 42	I,406,546	I,410,096	LVI
V		7,121	99,746 15	7,139	100,254 50	I,400,786	2,404,350	LV
VI		7,150	99,744 1	7,168	100,256 6	I,395,072	I,398,651	LIIII
VII		7,179	99,742 0	7,197	100,258 7	I,389,404	I,392,998	LIII
VIII		7,208	99,740 0	7,227	100,267 8	I,383,783	I,387,391	LII
IX		7,237	99,737 8	7,256	100,262 9	I,378,207	I,381,830	LI
X		7,266	99,735 7	7,285	100,265 0	I,371,674	I,376,310	L
XI		7,295	99,733 6	7,314	100,260 1	I,367,186	I,370,838	XLIX
XII		7,324	99,731 5	7,344	100,269 3	I,361,741	I,365,408	XLVIII
XIII		7,353	99,729 3	7,373	100,271 4	I,356,339	I,360,020	XLVII
XIIII		7,382	99,727 2	7,402	100,273 6	I,350,980	I,354,676	XLVI
XV		7,411	99,725 0	7,431	100,275 7	I,345,663	I,349,373	XLV
XVI		7,440	99,722 9	7,461	100,277 9	I,340,387	I,344,112	XLIIII
XVII		7,469	99,720 7	7,490	100,280 1	I,335,152	I,338,891	XLIII
XVIII		7,498	99,718 5	7,519	100,283 3	I,329,958	I,333,712	XLII
XIX		7,527	99,716 3	7,548	100,284 5	I,324,804	I,328,572	XLI
XX		7,556	99,714 1	7,578	100,286 7	I,319,789	I,323,472	XL
XXI		7,585	99,711 9	7,607	100,288 9	I,314,613	I,318,410	XXXIX
XXII		7,614	99,709 7	7,636	100,291 1	I,309,576	I,313,388	XXXVIII
XXIII		7,643	99,707 5	7,665	100,293 3	I,304,575	I,308,402	XXXVII
XXIIII		7,672	99,705 3	7,695	100,295 6	I,299,616	I,303,458	XXXVI
XXV		7,701	99,703 0	7,724	100,297 8	I,294,692	I,298,548	XXXV
XXVI		7,730	99,700 8	7,753	100,300 1	I,289,805	I,293,676	XXXIIII
XXVII		7,759	99,698 5	7,782	100,302 4	I,284,955	I,288,840	XXXIII
XXVIII		7,788	99,696 3	7,812	100,304 6	I,280,142	I,284,042	XXXII
XXIX		7,817	99,694 0	7,841	100,306 9	I,275,364	I,279,278	XXXI
XXX		7,846	99,691 7	7,870	100,309 2	I,270,621	I,274,550	XXX
		PRIMA		SECUNDA SERIE		TERTIA		SCRVP. LXXXV.
		num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		PART.
		Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		congrua Perpendiculo PERIPHERIA
		100,000 Hypotenusa		100,000 Perpendiculum		100,000 Basis		commo- Circu-
								gruus. nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus,	Circu- commo- PERIPHERIA Perpendiculo congrua PART. III. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis			Basis 100,000 Perpendiculum Hypotenusa			Perpendiculum 100,000 Basis Hypotenusa			lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num			E CANONE FÆCVNDO Fæcundissimoque SERIE			E CANONE FÆCVNDO Fæcundissimoque			
		PRIMA			SECUNDA			TERTIA			
XXX		7,846	99,691	7	7,870	100,309	2	I,270,621	I,274,550	XXX	
XXXI		7,875	99,689	4	7,899	100,311	5	I,265,913	I,269,855	XXIX	
XXXII		7,904	99,687	2	7,929	100,313	8	I,261,239	I,265,196	XXVIII	
XXXIII		7,933	99,684	9	7,958	100,516	1	I,256,599	I,260,551	XXVII	
XXXIII		7,962	99,682	5	7,987	100,318	5	I,251,994	I,255,981	XXVI	
XXXV		7,991	99,680	2	8,017	100,320	8	I,247,422	I,251,424	XXV	
XXXVI		8,020	99,677	9	8,046	100,323	1	I,242,884	I,246,900	XXIII	
XXXVII		8,049	99,675	6	8,075	100,325	5	I,238,377	I,242,408	XXIII	
XXXVIII		8,078	99,673	2	8,104	100,327	8	I,233,903	I,237,948	XXII	
XXXIX		8,107	99,670	9	8,134	100,330	2	I,229,461	I,233,521	XXI	
XL		8,136	99,668	5	8,163	100,332	6	I,225,051	I,229,125	XX	
XLI		8,165	99,666	1	8,192	100,335	0	I,220,672	I,224,761	XIX	
XLII		8,194	99,663	7	8,222	100,337	4	I,216,324	I,220,427	XVIII	
XLIII		8,223	99,661	4	8,251	100,339	8	I,212,006	I,216,124	XVII	
XLIII		8,252	99,659	0	8,280	100,342	2	I,207,719	I,211,852	XVI	
XLV		8,281	99,656	6	8,309	100,344	6	I,203,462	I,207,609	XV	
XLVI		8,310	99,654	1	8,339	100,347	0	I,199,234	I,203,396	XIII	
XLVII		8,339	99,651	7	8,368	100,349	5	I,195,036	I,199,212	XIII	
XLVIII		8,368	99,649	3	8,397	100,352	0	I,190,867	I,295,059	XII	
XLIX		8,397	99,646	9	8,427	100,354	4	I,186,727	I,190,933	XI	
L		8,426	99,644	4	8,456	100,356	9	I,182,616	I,186,837	X	
LI		8,455	99,642	0	8,485	100,359	3	I,178,533	I,182,768	IX	
LII		8,484	99,639	5	8,514	100,361	8	I,174,478	I,178,728	VIII	
LIII		8,513	99,637	0	8,544	100,364	3	I,170,450	I,174,714	VII	
LIII		8,542	99,634	5	8,573	100,366	8	I,166,450	I,170,729	VI	
LV		8,571	99,632	0	8,602	100,369	4	I,162,477	I,166,770	V	
LVI		8,600	99,629	5	8,632	100,371	9	I,158,530	I,162,838	IIII	
LVII		8,629	99,627	0	8,661	100,374	4	I,154,610	I,158,932	III	
LVIII		8,658	99,624	5	8,690	100,376	9	I,150,716	I,155,053	II	
LIX		8,687	99,622	0	8,720	100,379	5	I,146,848	I,151,199	I	
LX		8,716	99,619	5	8,749	100,382	0	I,143,006	I,147,372	♦	
PRIMA											
num											
E CANONE SI-											
Basis Perpendiculum											
100,000											
Hypotenusa											
SECUNDA											
SERIE											
Fæcundissimoque											
E CANONE FÆCVNDO											
Basis Hypotenusa											
100,000											
Perpendiculum											
TERTIA											
Fæcundissimoque											
E CANONE FÆCVNDO											
Perpendiculum Hypotenusa											
100,000											
Basis											
SCRVP.											
LXXXV.											
PART.											
congrua											
Perpendiculo											
PERIPHERIA											
dati											
lo ad-											
gruus,											
nuse con-											
Hypote-											
lus rectus,											
part. Angu-											
circuli xc.											
Quadrans											

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. V. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dari RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SECUNDA		TERTIA		
I		8,716 <sup>29</sup>	99,619 <sup>26</sup> 5	8,749 <sup>29</sup>	100,382 <sup>25</sup> 0	I, 143,006 <sup>3819</sup>	I, 147,373 <sup>3803</sup>	LX
II		8,745 <sup>29</sup>	99,616 <sup>25</sup> 9	8,778 <sup>29</sup>	100,384 <sup>26</sup> 5	I, 139,189 <sup>3792</sup>	I, 143,569 <sup>3776</sup>	LIX
III		8,774 <sup>29</sup>	99,614 <sup>26</sup> 4	8,807 <sup>30</sup>	100,387 <sup>26</sup> 1	I, 135,397 <sup>3767</sup>	I, 139,793 <sup>3753</sup>	LVIII
IIII		8,803 <sup>23</sup>	99,611 <sup>22</sup> 7	8,837 <sup>29</sup>	100,389 <sup>26</sup> 7	I, 131,630 <sup>3742</sup>	I, 136,040 <sup>3727</sup>	LVII
V		8,831 <sup>29</sup>	99,609 <sup>26</sup> 3	8,866 <sup>29</sup>	100,392 <sup>26</sup> 3	I, 127,888 <sup>3718</sup>	I, 132,313 <sup>3704</sup>	LVI
VI		8,860 <sup>29</sup>	99,606 <sup>26</sup> 7	8,895 <sup>30</sup>	100,394 <sup>26</sup> 9	I, 124,170 <sup>3692</sup>	I, 128,609 <sup>3678</sup>	LV
VII		8,889 <sup>29</sup>	99,604 <sup>26</sup> 1	8,925 <sup>29</sup>	100,397 <sup>26</sup> 5	I, 120,478 <sup>3669</sup>	I, 124,931 <sup>3655</sup>	LIIV
VIII		8,918 <sup>29</sup>	99,601 <sup>26</sup> 5	8,954 <sup>29</sup>	100,400 <sup>26</sup> 1	I, 116,809 <sup>3646</sup>	I, 120,276 <sup>3630</sup>	LIII
IX		8,947 <sup>29</sup>	99,598 <sup>26</sup> 9	8,983 <sup>30</sup>	100,402 <sup>26</sup> 7	I, 113,163 <sup>3622</sup>	I, 117,646 <sup>3608</sup>	LII
X		8,976 <sup>29</sup>	99,596 <sup>26</sup> 3	9,013 <sup>29</sup>	100,405 <sup>27</sup> 3	I, 109,541 <sup>3608</sup>	I, 114,038 <sup>3583</sup>	LI
XI		9,005 <sup>29</sup>	99,593 <sup>26</sup> 7	9,042 <sup>29</sup>	100,408 <sup>27</sup> 0	I, 105,943 <sup>3592</sup>	I, 110,455 <sup>3567</sup>	L
XII		9,034 <sup>29</sup>	99,591 <sup>26</sup> 1	9,071 <sup>29</sup>	100,410 <sup>26</sup> 6	I, 102,368 <sup>3575</sup>	I, 106,894 <sup>3561</sup>	XLIX
XIII		9,063 <sup>29</sup>	99,588 <sup>26</sup> 4	9,101 <sup>29</sup>	100,413 <sup>27</sup> 3	I, 98,815 <sup>3553</sup>	I, 103,356 <sup>3538</sup>	XLVIII
XIIII		9,092 <sup>29</sup>	99,585 <sup>26</sup> 8	9,130 <sup>29</sup>	100,415 <sup>26</sup> 9	I, 95,285 <sup>3530</sup>	I, 99,840 <sup>3516</sup>	XLVII
XV		9,121 <sup>29</sup>	99,583 <sup>27</sup> 1	9,159 <sup>29</sup>	100,418 <sup>27</sup> 6	I, 91,738 <sup>3507</sup>	I, 96,348 <sup>3492</sup>	XLVI
XVI		9,150 <sup>29</sup>	99,580 <sup>26</sup> 5	9,189 <sup>30</sup>	100,421 <sup>26</sup> 3	I, 88,293 <sup>3495</sup>	I, 92,877 <sup>3471</sup>	XLV
XVII		9,179 <sup>29</sup>	99,577 <sup>27</sup> 8	9,218 <sup>29</sup>	100,424 <sup>27</sup> 0	I, 84,829 <sup>3464</sup>	I, 89,428 <sup>3449</sup>	XLIIII
XVIII		9,208 <sup>29</sup>	99,575 <sup>27</sup> 1	9,247 <sup>29</sup>	100,426 <sup>27</sup> 7	I, 81,387 <sup>3442</sup>	I, 86,001 <sup>3427</sup>	XLIII
XIX		9,237 <sup>29</sup>	99,572 <sup>26</sup> 5	9,276 <sup>29</sup>	100,429 <sup>27</sup> 4	I, 77,967 <sup>3420</sup>	I, 82,596 <sup>3405</sup>	XLII
XX		9,266 <sup>29</sup>	99,559 <sup>27</sup> 8	9,306 <sup>30</sup>	100,432 <sup>27</sup> 1	I, 74,578 <sup>3399</sup>	I, 79,211 <sup>3385</sup>	XXLI
XXI		9,295 <sup>29</sup>	99,567 <sup>27</sup> 1	9,335 <sup>29</sup>	100,434 <sup>27</sup> 8	I, 71,191 <sup>3377</sup>	I, 75,849 <sup>3362</sup>	XXL
XXII		9,324 <sup>29</sup>	99,564 <sup>27</sup> 4	9,364 <sup>29</sup>	100,437 <sup>27</sup> 5	I, 67,835 <sup>3356</sup>	I, 72,507 <sup>3342</sup>	XXXIX
XXIII		9,353 <sup>29</sup>	99,561 <sup>28</sup> 6	9,394 <sup>30</sup>	100,440 <sup>27</sup> 2	I, 64,499 <sup>3336</sup>	I, 69,186 <sup>3321</sup>	XXXVIII
XXIIII		9,382 <sup>29</sup>	99,558 <sup>27</sup> 9	9,423 <sup>29</sup>	100,443 <sup>28</sup> 0	I, 61,184 <sup>3315</sup>	I, 65,885 <sup>3301</sup>	XXXVII
XXV		9,411 <sup>29</sup>	99,556 <sup>27</sup> 2	9,453 <sup>29</sup>	100,445 <sup>28</sup> 8	I, 57,890 <sup>3294</sup>	I, 62,606 <sup>3279</sup>	XXXVI
XXVI		9,440 <sup>29</sup>	99,553 <sup>27</sup> 5	9,482 <sup>29</sup>	100,448 <sup>27</sup> 5	I, 54,616 <sup>3274</sup>	I, 59,346 <sup>3260</sup>	XXXV
XXVII		9,469 <sup>29</sup>	99,550 <sup>28</sup> 7	9,511 <sup>29</sup>	100,451 <sup>28</sup> 3	I, 51,361 <sup>3255</sup>	I, 56,106 <sup>3240</sup>	XXXIIII
XXVIII		9,498 <sup>29</sup>	99,547 <sup>27</sup> 0	9,541 <sup>29</sup>	100,454 <sup>28</sup> 1	I, 48,126 <sup>3235</sup>	I, 52,885 <sup>3221</sup>	XXXIII
XXIX		9,527 <sup>29</sup>	99,545 <sup>28</sup> 2	9,570 <sup>29</sup>	100,456 <sup>28</sup> 9	I, 44,911 <sup>3215</sup>	I, 49,685 <sup>3200</sup>	XXXII
XXX		9,556 <sup>29</sup>	99,542 <sup>28</sup> 4	9,600 <sup>30</sup>	100,459 <sup>28</sup> 7	I, 41,716 <sup>3195</sup>	I, 46,504 <sup>3181</sup>	XXXI
		9,584 <sup>28</sup>	99,539 <sup>28</sup> 6	9,629 <sup>29</sup>	100,462 <sup>28</sup> 5	I, 38,540 <sup>3176</sup>	I, 43,343 <sup>3161</sup>	XXX
		PRIMA		SECUNDA		TERTIA		SCRVP.
		num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		LXXXIIII.
		Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Perpendiculum Hypotenusa 100,000 Basis		PART.
		congrua Basi RESIDVA						congrua Perpendiculo PERIPHERIA
		dari lo ad-						commo- Circu-
								gruus. nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo-	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		lo ad- dati RESIDVA Basi congrua
	PERIPHERIA. Perpendiculo congrua	Perpendiculum	Basis	Perpendiculum	Hypotenusa	Basis	Hypotenusa	
	PART.	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		
	V.	PRIMA		SECUNDA		TERTIA		
	SCRVP.							
XXX		9,584	99,539 6	9,629	100,462 5	1,038,540	1,043,343	XXX
XXXI		9,613	99,536 8	9,658	100,465 3	1,035,383	1,040,200	XXIX
XXXII		9,642	99,534 0	9,688	100,468 1	1,032,245	1,037,077	XXVIII
XXXIII		9,671	99,531 2	9,717	100,471 0	1,029,126	1,033,973	XXVII
XXXIII		9,700	99,528 4	9,746	100,473 8	1,026,025	1,030,887	XXVI
XXXV		9,729	99,525 6	9,776	100,476 7	1,022,943	1,027,819	XXV
XXXVI		9,758	99,522 7	9,805	100,479 5	1,019,879	1,024,770	XXIII
XXXVII		9,787	99,519 9	9,834	100,482 4	1,016,833	1,021,738	XXIII
XXXVIII		9,816	99,517 1	9,864	100,485 3	1,013,806	1,018,726	XXII
XXXIX		9,845	99,514 2	9,893	100,488 2	1,010,796	1,015,730	XXI
XL		9,874	99,511 3	9,923	100,491 1	1,007,803	1,012,752	XX
XLI		9,903	99,508 4	9,952	100,494 0	1,004,828	1,009,791	XIX
XLII		9,932	99,505 6	9,981	100,496 9	1,001,871	1,006,849	XVIII
XLIII		9,961	99,502 7	10,011	100,499 8	998,931	1,003,924	XVII
XLIII		9,990	99,499 8	10,040	100,502 7	996,007	1,001,005	XVI
XLV		10,019	99,496 9	10,069	100,505 7	993,100	998,122	XV
XLVI		10,048	99,493 9	10,099	100,508 6	990,211	995,248	XIII
XLVII		10,077	99,491 0	10,128	100,511 6	987,338	992,389	XIII
XLVIII		10,106	99,488 1	10,158	100,514 6	984,482	989,547	XII
XLIX		10,135	99,485 1	10,187	100,517 5	981,642	986,722	XI
L		10,164	99,482 2	10,216	100,520 5	978,817	983,912	X
LI		10,192	99,479 2	10,246	100,523 5	976,009	981,118	IX
LII		10,221	99,476 3	10,275	100,526 5	973,217	978,341	VIII
LIII		10,250	99,473 3	10,305	100,529 5	970,441	975,579	VII
LIII		10,279	99,470 3	10,334	100,532 5	967,679	972,833	VI
LV		10,308	99,467 3	10,363	100,535 6	964,935	970,103	V
LVI		10,337	99,464 3	10,393	100,538 6	962,205	967,387	III
LVII		10,366	99,461 3	10,422	100,541 7	959,490	964,687	III
LVIII		10,395	99,458 3	10,452	100,544 7	956,790	962,002	II
LIX		10,424	99,455 2	10,481	100,547 8	954,106	959,332	I
LX		10,453	99,452 2	10,510	100,550 8	951,436	956,677	◆
		PRIMA		SECUNDA		TERTIA		SCRVP.
		num		SERIE				LXXXIII.
		E CANONE SI-		Fæcundissimòque		Fæcundissimòque		PART.
				E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua
		Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	Perpendiculo
		100,000		100,000		100,000		PERIPHERIA
		Hypotenusa		Perpendiculum		Basis		congrua
								lo ad-
								Circu-

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
grua.

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

VI.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis  
E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimòque  
SERIE  
SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimòque  
TERTIA

lo ad-  
dati

RESIDVA  
Basi  
congrua

	10,453	99,452	2	10,510	100,550	8	951,436	956,677	LX
I	10,482	99,449	1	10,540	100,553	9	948,781	954,036	LIX
II	10,511	99,446	1	10,569	100,557	0	946,141	951,411	LVIII
III	10,540	99,443	0	10,599	100,560	1	943,514	948,799	LVII
IIII	10,565	99,440	0	10,628	100,563	2	940,904	946,203	LVI
V	10,597	99,436	9	10,658	100,566	3	938,306	943,620	LV
VI	10,626	99,433	8	10,687	100,569	4	935,722	941,051	LIII
VII	10,655	99,430	7	10,716	100,572	6	933,154	938,497	LIH
VIII	10,684	99,427	6	10,746	100,575	7	930,599	935,956	LII
IX	10,713	99,424	5	10,775	100,578	9	928,058	933,430	LI
X	10,742	99,421	4	10,805	100,582	0	925,530	930,917	L
XI	10,771	99,418	2	10,834	100,585	2	923,016	928,417	XLIX
XII	10,800	99,415	1	10,863	100,588	3	920,516	925,931	XLVIII
XIII	10,829	99,411	9	10,893	100,591	5	918,028	923,458	XLVII
XIIII	10,858	99,408	8	10,922	100,594	7	915,554	920,999	XLVI
XV	10,887	99,405	6	10,952	100,597	9	913,093	918,553	XLV
XVI	10,916	99,402	5	10,981	100,601	1	910,646	916,120	XLIIII
XVII	10,945	99,399	3	11,011	100,604	4	908,210	913,699	XLIII
XVIII	10,973	99,396	1	11,040	100,607	6	905,788	911,292	XLII
XIX	11,002	99,392	9	11,070	100,610	8	903,379	908,897	XLI
XX	11,031	99,389	7	11,099	100,614	0	900,983	906,515	XL
XXI	11,060	99,386	5	11,128	100,617	3	898,599	904,146	XXXIX
XXII	11,089	99,383	3	11,158	100,620	6	896,227	901,789	XXXVIII
XXIII	11,118	99,380	0	11,187	100,623	8	893,867	899,444	XXXVII
XXIIII	11,147	99,376	8	11,217	100,627	1	891,520	897,111	XXXVI
XXV	11,176	99,373	6	11,246	100,630	4	889,185	894,791	XXXV
XXVI	11,205	99,370	3	11,276	100,633	7	886,862	892,482	XXXIIII
XXVII	11,234	99,367	0	11,305	100,637	0	884,551	890,185	XXXIII
XXVIII	11,263	99,363	8	11,335	100,640	3	882,252	887,901	XXXII
XXIX	11,291	99,360	5	11,364	100,643	7	879,964	885,628	XXXI
XXX	11,320	99,357	2	11,394	100,647	0	877,688	883,367	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA  
SERIE

Fæcundissimòque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendiculum

TERTIA

Fæcundissimòque  
E CANONE FÆCVNDO

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LXXXIII.

PART.

congrua  
Perpendiculo  
PERIPHERIA

Circu-  
commo-

grua.  
nusa con-  
Hypote-  
lus rectus.  
part. Angu  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Circu- commo- PERIPHERIA Perpendiculo congrua		Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dati RESIDVA Basi congrua	
PART. VI.		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE SECYNDÆ		E CANONE FÆCVNDO Fæcundissimòque TERTIÆ			
SCRVP.		PRIMÆ		SECYNDÆ		TERTIÆ			
XXX	II, 320	99, 357	2	II, 394	100, 647	0	877, 688	883, 367	XXX
XXXI	II, 349	99, 353	9	II, 423	100, 650	3	875, 424	881, 117	XXIX
XXXII	II, 378	99, 350	6	II, 452	100, 653	6	873, 172	878, 878	XXVIII
XXXIII	II, 407	99, 347	3	II, 482	100, 657	0	870, 930	876, 651	XXVII
XXXIII	II, 436	99, 344	0	II, 511	100, 660	3	878, 701	874, 437	XXVI
XXXV	II, 465	99, 340	6	II, 541	100, 663	7	866, 482	872, 233	XXV
XXXVI	II, 494	99, 337	3	II, 570	100, 667	1	864, 275	860, 041	XXIII
XXXVII	II, 523	99, 333	9	II, 600	100, 670	5	862, 079	867, 859	XXII
XXXVIII	II, 552	99, 330	6	II, 629	100, 673	9	859, 893	865, 688	XXI
XXXIX	II, 580	99, 327	2	II, 659	100, 677	3	857, 719	863, 529	XX
XL	II, 609	99, 323	8	II, 688	100, 680	8	855, 555	861, 379	XIX
XLI	II, 638	99, 320	5	II, 718	100, 684	2	853, 402	859, 241	XVIII
XLII	II, 667	99, 317	1	II, 747	100, 687	6	851, 260	857, 113	XVII
XLIII	II, 696	99, 313	7	II, 777	100, 691	0	849, 128	854, 996	XVI
XLIII	II, 725	99, 310	3	II, 806	100, 694	5	847, 007	852, 890	XV
XLV	II, 754	99, 306	8	II, 836	100, 698	0	844, 896	850, 793	XIII
XLVI	II, 783	99, 303	4	II, 865	100, 701	5	842, 796	848, 708	XII
XLVII	II, 812	99, 300	0	II, 895	100, 704	9	840, 706	846, 632	XI
XLVIII	II, 840	99, 296	6	II, 924	100, 708	4	838, 626	844, 567	X
XLIX	II, 869	99, 293	1	II, 954	100, 711	9	836, 556	842, 512	IX
L	II, 898	99, 289	7	II, 983	100, 715	4	834, 496	840, 466	VIII
LI	II, 927	99, 286	2	II, 013	100, 718	9	832, 446	838, 431	VII
LII	II, 956	99, 282	7	II, 042	100, 722	5	830, 406	836, 406	VI
LIII	II, 985	99, 279	2	II, 072	100, 726	0	828, 376	834, 390	V
LIII	II, 014	99, 275	7	II, 101	100, 729	5	826, 356	832, 384	IV
LV	II, 043	99, 272	2	II, 131	100, 733	1	824, 345	830, 388	III
LVI	II, 071	99, 268	7	II, 160	100, 736	7	822, 344	828, 402	II
LVII	II, 100	99, 265	2	II, 190	100, 740	2	820, 353	826, 425	I
LVIII	II, 129	99, 261	7	II, 219	100, 743	8	818, 371	824, 458	
LIX	II, 158	99, 258	2	II, 249	100, 747	4	816, 398	822, 500	
LX	II, 187	99, 254	6	II, 278	100, 751	0	814, 435	820, 551	
PRIMÆ		SECYNDÆ		TERTIÆ		LXXXIII.		SCRVP.	
num		Fæcundissimòque		Fæcundissimòque		PART.			
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua			
Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		PERIPHERIA			
100,000		100,000		100,000		commo-			
Hypotenusa		Perpendiculum		Basis		Circu-			
100,000		100,000		100,000		grus.			
100,000		100,000		100,000		nusa con-			
100,000		100,000		100,000		Hypote-			
100,000		100,000		100,000		lus rectus.			
100,000		100,000		100,000		part. Angu			
100,000		100,000		100,000		circuli xc.			
100,000		100,000		100,000		Quadrans			

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		lo. ad- dati		
		Perpendiculum	Basis	Perpendiculum	Hypotenusa	Basis	Hypotenusa			
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimôque		E CANONE FÆCVNDO Fæcundissimôque				
		PRIMÆ		SECYNDÆ		TERTIÆ				
PART. VII. SCRVP.										
		12,187	99,254	6	12,278	100,751	0	814,435	820,551	LX
I		12,216	99,251	1	12,308	100,754	6	812,481	818,612	LIX
II		12,245	99,247	5	12,338	100,755	2	816,536	816,682	LVIII
III		12,274	99,243	9	12,367	100,761	8	808,601	814,761	LVII
IIII		12,302	99,240	4	12,397	100,765	4	806,674	812,849	LVI
V		12,331	99,236	8	12,426	100,769	0	804,757	810,946	LV
VI		12,360	99,233	2	12,456	100,772	7	802,848	809,052	LIIII
VII		12,389	99,229	6	12,485	100,776	3	800,949	807,167	LIII
VIII		12,418	99,226	0	12,515	100,780	0	799,058	805,291	LII
IX		12,447	99,222	4	12,544	100,783	7	797,176	803,423	LI
X		12,476	99,218	7	12,574	100,787	4	795,302	801,565	L
XI		12,504	99,215	1	12,603	100,791	1	793,438	799,714	XLIX
XII		12,533	99,211	5	12,633	100,794	8	791,581	797,873	XLVIII
XIII		12,562	99,207	8	12,662	100,798	5	789,734	796,040	XLVII
XIIII		12,591	99,204	2	12,692	100,802	2	787,895	794,215	XLVI
XV		12,620	99,200	5	12,722	100,805	9	786,064	792,400	XLV
XVI		12,649	99,196	8	12,751	100,809	7	784,241	790,591	XLIII
XVII		12,678	99,193	1	12,781	100,813	4	782,427	788,792	XLII
XVIII		12,707	99,189	5	12,810	100,817	2	780,622	787,001	XLI
XIX		12,735	99,185	7	12,840	100,820	9	778,824	785,218	XL
XX		12,764	99,182	0	12,869	100,824	7	777,035	783,443	XXXIX
XXI		12,793	99,178	6	12,899	100,828	5	775,253	781,676	XXXVIII
XXII		12,822	99,174	6	12,929	100,832	3	773,480	779,917	XXXVII
XXIII		12,851	99,170	9	12,958	100,836	1	771,715	778,167	XXXVI
XXIIII		12,880	99,167	1	12,988	100,839	9	769,957	776,424	XXXV
XXV		12,908	99,163	4	13,017	100,843	7	768,208	774,689	XXXIII
XXVI		12,937	99,159	6	13,047	100,847	5	766,466	772,962	XXXII
XXVII		12,966	99,155	8	13,076	100,851	3	764,732	771,242	XXXI
XXVIII		12,995	99,152	1	13,106	100,855	2	763,005	769,530	XXX
XXIX		13,024	99,148	3	13,136	100,859	0	761,287	767,826	
XXX		13,053	99,144	5	13,165	100,862	9	759,576	766,139	
SCRVP.										
		PRIMÆ		SECYNDÆ		TERTIÆ		LXXXII.		
		num		Fæcundissimôque		Fæcundissimôque		PART.		
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO				
congrua Basi RESIDVA	lo ad-	Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		congrua Perpendiculo PERIPHERIA commo- Circu-		
		100,000		100,000		100,000				
		Hypotenusa		Perpendiculum		Basis				

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus.

Circu-  
commo-

PERIPHERIA.  
Perpendiculo  
congrua

PART.

VII.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-  
nuum

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimòque  
SERIE

SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimòque

TERCIA

lo ad-  
dati

RESIDVA  
Basi  
congrua

XXX	13,053	99,144 5	13,165	100,862 9	759,576	766,130	XXX
XXXI	13,081 <sup>28</sup>	99,140 7 <sup>38</sup>	13,195 <sup>30</sup>	100,866 8 <sup>39</sup>	757,872 <sup>1704</sup>	764,441 <sup>1689</sup>	XXIX
XXXII	13,110 <sup>29</sup>	99,136 9 <sup>38</sup>	13,224 <sup>29</sup>	100,870 7 <sup>39</sup>	756,176 <sup>1696</sup>	762,759 <sup>1682</sup>	XXVIII
XXXIII	13,139 <sup>29</sup>	99,133 1 <sup>38</sup>	13,254 <sup>30</sup>	100,874 5 <sup>38</sup>	754,487 <sup>1689</sup>	761,085 <sup>1674</sup>	XXVII
XXXIII	13,168 <sup>29</sup>	99,129 2 <sup>38</sup>	13,284 <sup>30</sup>	100,878 4 <sup>39</sup>	752,806 <sup>1681</sup>	759,419 <sup>1666</sup>	XXVI
XXXV	13,197 <sup>29</sup>	99,125 4 <sup>38</sup>	13,313 <sup>29</sup>	100,882 3 <sup>39</sup>	751,132 <sup>1674</sup>	757,759 <sup>1660</sup>	XXV
XXXVI	13,226 <sup>29</sup>	99,121 6 <sup>38</sup>	13,343 <sup>30</sup>	100,886 2 <sup>39</sup>	749,465 <sup>1667</sup>	756,107 <sup>1652</sup>	XXIII
XXXVII	13,254 <sup>28</sup>	99,117 7 <sup>39</sup>	13,372 <sup>29</sup>	100,890 1 <sup>39</sup>	747,806 <sup>1659</sup>	754,462 <sup>1645</sup>	XXIII
XXXVIII	13,283 <sup>29</sup>	99,113 9 <sup>38</sup>	13,402 <sup>30</sup>	100,894 1 <sup>40</sup>	746,154 <sup>1652</sup>	752,825 <sup>1637</sup>	XXII
XXXIX	13,312 <sup>28</sup>	99,110 0 <sup>39</sup>	13,432 <sup>30</sup>	100,898 0 <sup>39</sup>	744,508 <sup>1646</sup>	751,194 <sup>1631</sup>	XXI
XL	13,341 <sup>29</sup>	99,106 1 <sup>39</sup>	13,461 <sup>29</sup>	100,902 0 <sup>40</sup>	742,871 <sup>1637</sup>	749,571 <sup>1623</sup>	XX
XLI	13,370 <sup>29</sup>	99,102 2 <sup>39</sup>	13,491 <sup>30</sup>	100,905 9 <sup>39</sup>	741,240 <sup>1631</sup>	747,955 <sup>1616</sup>	XIX
XLII	13,399 <sup>29</sup>	99,098 3 <sup>39</sup>	13,521 <sup>30</sup>	100,909 9 <sup>40</sup>	739,616 <sup>1624</sup>	746,345 <sup>1610</sup>	XVIII
XLIII	13,427 <sup>28</sup>	99,094 4 <sup>39</sup>	13,550 <sup>29</sup>	100,913 8 <sup>39</sup>	737,999 <sup>1617</sup>	744,743 <sup>1602</sup>	XVII
XLIII	13,456 <sup>29</sup>	99,090 5 <sup>39</sup>	13,580 <sup>30</sup>	100,917 8 <sup>40</sup>	736,389 <sup>1610</sup>	743,147 <sup>1596</sup>	XVI
XLV	13,485 <sup>29</sup>	99,086 6 <sup>39</sup>	13,609 <sup>29</sup>	100,921 8 <sup>40</sup>	734,786 <sup>1603</sup>	741,559 <sup>1588</sup>	XV
XLVI	13,514 <sup>29</sup>	99,082 7 <sup>39</sup>	13,639 <sup>30</sup>	100,925 8 <sup>40</sup>	733,190 <sup>1596</sup>	739,978 <sup>1581</sup>	XIII
XLVII	13,543 <sup>29</sup>	99,078 7 <sup>40</sup>	13,669 <sup>30</sup>	100,929 9 <sup>40</sup>	731,600 <sup>1590</sup>	738,403 <sup>1575</sup>	XIII
XLVIII	13,572 <sup>29</sup>	99,074 8 <sup>39</sup>	13,698 <sup>29</sup>	100,933 9 <sup>40</sup>	730,018 <sup>1582</sup>	736,835 <sup>1568</sup>	XII
XLIX	13,600 <sup>28</sup>	99,070 8 <sup>40</sup>	13,728 <sup>30</sup>	100,937 9 <sup>40</sup>	728,442 <sup>1576</sup>	735,274 <sup>1562</sup>	XI
L	13,629 <sup>29</sup>	99,066 9 <sup>39</sup>	13,758 <sup>30</sup>	100,941 9 <sup>40</sup>	726,872 <sup>1570</sup>	733,719 <sup>1555</sup>	X
LI	13,658 <sup>29</sup>	99,062 9 <sup>40</sup>	13,787 <sup>29</sup>	100,946 0 <sup>41</sup>	725,310 <sup>1562</sup>	732,171 <sup>1548</sup>	IX
LII	13,687 <sup>29</sup>	99,058 9 <sup>40</sup>	13,817 <sup>30</sup>	100,950 0 <sup>40</sup>	723,754 <sup>1556</sup>	730,630 <sup>1541</sup>	VIII
LIII	13,716 <sup>29</sup>	99,054 9 <sup>40</sup>	13,847 <sup>30</sup>	100,954 1 <sup>41</sup>	722,204 <sup>1550</sup>	729,095 <sup>1535</sup>	VII
LIII	13,745 <sup>29</sup>	99,050 9 <sup>40</sup>	13,876 <sup>29</sup>	100,958 1 <sup>40</sup>	720,661 <sup>1543</sup>	727,567 <sup>1528</sup>	VI
LV	13,774 <sup>29</sup>	99,046 9 <sup>40</sup>	13,906 <sup>30</sup>	100,962 2 <sup>41</sup>	719,125 <sup>1536</sup>	726,045 <sup>1522</sup>	V
LVI	13,803 <sup>29</sup>	99,042 9 <sup>40</sup>	13,935 <sup>29</sup>	100,966 3 <sup>41</sup>	717,594 <sup>1531</sup>	724,529 <sup>1516</sup>	III
LVII	13,832 <sup>29</sup>	99,038 9 <sup>40</sup>	13,965 <sup>30</sup>	100,970 4 <sup>41</sup>	716,071 <sup>1523</sup>	723,020 <sup>1510</sup>	III
LVIII	13,860 <sup>28</sup>	99,034 9 <sup>40</sup>	13,995 <sup>30</sup>	100,974 5 <sup>41</sup>	714,553 <sup>1518</sup>	721,517 <sup>1503</sup>	II
LIX	13,889 <sup>29</sup>	99,030 8 <sup>41</sup>	14,024 <sup>29</sup>	100,978 6 <sup>41</sup>	713,042 <sup>1511</sup>	720,020 <sup>1497</sup>	I
LX	13,917 <sup>28</sup>	99,026 8 <sup>40</sup>	14,054 <sup>30</sup>	100,982 7 <sup>41</sup>	711,537 <sup>1505</sup>	718,530 <sup>1490</sup>	◆

PRIMA

SECUNDA  
SERIE

TERCIA

SCRVP.

LXXXII.

num  
E CANONE SI-

Fæcundissimòque  
E CANONE FÆCVNDO

Fæcundissimòque  
E CANONE FÆCVNDO

PART.

congrua  
Basi  
RESIDVA

Basis Perpendiculum  
100,000  
Hypotenusa

Basis Hypotenusa  
100,000  
Perpendiculum

Perpendiculum Hypotenusa  
100,000  
Basis

congrua  
Perpendiculo  
PERIPHERIA

dati  
lo ad-

commo-  
Circu-

grus.  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		Lo ad- dati RESIDVA Basi congrua
		E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMÆ		SERIE SECUNDÆ		TERTIÆ		
		PART. VIII. SCRVP.						
I		13,917	99,026 8	14,054	100,982 7	711,537	718,530	LX
II		13,946	99,022 8	14,084	100,986 9	710,038	716,046	LIX
III		13,975	99,018 7	14,113	100,991 0	708,546	715,568	LVIII
IV		14,004	99,014 5	14,143	100,995 2	707,059	714,096	LVII
V		14,033	99,010 5	14,173	100,999 3	705,579	712,630	LVI
VI		14,061	99,006 5	14,202	101,003 5	704,105	711,170	LV
VII		14,090	99,002 4	14,232	101,007 7	702,636	709,717	LVIII
VIII		14,119	98,998 3	14,262	101,011 9	701,174	708,269	LVII
IX		14,148	98,994 2	14,291	101,016 1	699,718	706,827	LVI
X		14,177	98,990 0	14,321	101,020 3	698,268	705,392	LV
XI		14,205	98,985 9	14,351	101,024 5	696,823	703,962	LVIII
XII		14,234	98,981 8	14,381	101,028 7	695,384	702,538	LVII
XIII		14,263	98,977 6	14,410	101,033 0	694,952	701,120	LVI
XIV		14,292	98,973 5	14,440	101,037 2	692,625	699,707	LV
XV		14,320	98,969 3	14,470	101,041 4	691,103	698,301	LVIII
XVI		14,349	98,965 1	14,499	101,045 7	689,278	696,900	LVII
XVII		14,378	98,961 0	14,529	101,050 0	688,278	695,504	LVI
XVIII		14,407	98,956 8	14,559	101,054 2	686,847	694,115	LV
XIX		14,436	98,952 6	14,588	101,058 5	685,474	692,730	LVIII
XX		16,464	98,948 4	14,618	101,062 8	685,082	691,353	LVII
XXI		14,493	98,944 2	14,648	101,067 1	682,694	689,979	LVI
XXII		14,522	98,939 9	14,678	101,071 4	681,312	688,612	LV
XXIII		14,551	98,935 7	14,707	101,075 7	679,935	687,250	LVIII
XXIV		14,580	98,931 5	14,737	101,080 0	678,564	685,893	LVII
XXV		14,608	98,927 2	14,767	101,084 4	677,199	684,542	LVI
XXVI		14,637	98,923 0	14,796	101,088 7	675,838	683,196	LV
XXVII		14,666	98,918 7	14,826	101,093 1	674,483	681,856	LVIII
XXVIII		14,695	98,914 5	14,856	101,097 4	673,133	680,521	LVII
XXIX		14,723	98,910 2	14,886	101,101 8	671,789	679,191	LVI
XXX		14,752	98,905 9	14,915	101,106 2	670,650	677,866	LV
		14,781	98,901 6	14,945	101,110 6	669,116	676,547	LVIII

congrua Basi RESIDVA dati lo ad-	PRIMÆ nuum E CANONE SI-	SECVNDÆ SERIE Fæcundissimoque E CANONE FÆCVNDO	TERTIÆ Fæcundissimoque E CANONE FÆCVNDO	LXXXI. PART. congrua Perpendiculo PERIPHERIA commo- Circu-
	Basis Perpendiculum 100,000 Hypotenusa	Basis Hypotenusa 100,000 Perpendiculum	Perpendiculum Hypotenusa 100,000 Basis	

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

<div> <div>Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus,</div> <div> <div>Circu- commo-</div> <div>PERIPHERIA Perpendiculo congrua</div> <div>PART. VIII.</div> <div>SCRVP.</div> </div> </div>	<div> <div>Hypotenusa</div> <div>100,000</div> <div>Perpendiculum Basis</div> </div>		<div> <div>Basis</div> <div>100,000</div> <div>Perpendiculum Hypotenusa</div> </div>		<div> <div>Perpendiculum</div> <div>100,000</div> <div>Basis Hypotenusa</div> </div>		<div> <div>RESIDVA</div> <div>Basi congrua</div> </div>
	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
	PRIMA		SERIE SECUNDA		TERTIA		
XXX	14,781	98,901 6	14,945	101,110 6	669,116	676,547	XXX
XXXI	14,810 <sup>29</sup>	98,897 3 <sup>4</sup>	14,975 <sup>30</sup>	101,115 0 <sup>4</sup>	667,787 <sup>1389</sup>	675,233 <sup>17</sup>	XXIX
XXXII	14,838 <sup>28</sup>	98,893 0 <sup>4</sup>	15,005 <sup>30</sup>	101,119 4 <sup>4</sup>	666,463 <sup>1324</sup>	673,924 <sup>109</sup>	XXVIII
XXXIII	14,867 <sup>29</sup>	98,888 7 <sup>4</sup>	15,034 <sup>29</sup>	101,123 8 <sup>4</sup>	665,145 <sup>1318</sup>	672,620 <sup>104</sup>	XXVII
XXXIII	14,896 <sup>29</sup>	98,884 3 <sup>4</sup>	15,064 <sup>30</sup>	101,128 2 <sup>4</sup>	663,831 <sup>1314</sup>	671,321 <sup>109</sup>	XXVI
XXXV	14,925 <sup>29</sup>	98,880 0 <sup>4</sup>	15,094 <sup>38</sup>	101,132 7 <sup>4</sup>	662,523 <sup>1308</sup>	670,027 <sup>104</sup>	XXV
XXXVI	14,954 <sup>29</sup>	98,875 7 <sup>4</sup>	15,124 <sup>30</sup>	101,137 1 <sup>4</sup>	661,219 <sup>1304</sup>	668,738 <sup>108</sup>	XXIII
XXXVII	14,982 <sup>28</sup>	98,871 3 <sup>4</sup>	15,153 <sup>29</sup>	101,141 6 <sup>4</sup>	659,921 <sup>1298</sup>	667,455 <sup>103</sup>	XXII
XXXVIII	15,011 <sup>29</sup>	98,866 9 <sup>4</sup>	15,183 <sup>30</sup>	101,146 1 <sup>4</sup>	658,627 <sup>1294</sup>	666,176 <sup>102</sup>	XXI
XXXIX	15,040 <sup>29</sup>	98,862 6 <sup>4</sup>	15,213 <sup>30</sup>	101,150 5 <sup>4</sup>	657,339 <sup>1288</sup>	664,902 <sup>101</sup>	XX
XL	15,069 <sup>29</sup>	98,858 2 <sup>4</sup>	15,243 <sup>30</sup>	101,155 0 <sup>4</sup>	656,055 <sup>1284</sup>	663,633 <sup>100</sup>	XIX
XLI	15,097 <sup>29</sup>	98,853 8 <sup>4</sup>	15,272 <sup>29</sup>	101,159 5 <sup>4</sup>	654,777 <sup>1278</sup>	662,369 <sup>99</sup>	XVIII
XLII	15,126 <sup>28</sup>	98,849 4 <sup>4</sup>	15,302 <sup>30</sup>	101,164 0 <sup>4</sup>	653,503 <sup>1274</sup>	661,110 <sup>98</sup>	XVII
XLIII	15,155 <sup>29</sup>	98,845 0 <sup>4</sup>	15,332 <sup>30</sup>	101,168 5 <sup>4</sup>	652,234 <sup>1269</sup>	659,855 <sup>97</sup>	XVI
XLIII	15,184 <sup>29</sup>	98,840 6 <sup>4</sup>	15,362 <sup>30</sup>	101,173 0 <sup>4</sup>	650,971 <sup>1263</sup>	658,606 <sup>96</sup>	XV
XLV	15,212 <sup>28</sup>	98,836 1 <sup>4</sup>	15,391 <sup>29</sup>	101,177 5 <sup>4</sup>	649,713 <sup>1258</sup>	657,361 <sup>95</sup>	XIII
XLVI	15,241 <sup>29</sup>	98,831 7 <sup>4</sup>	15,421 <sup>30</sup>	101,182 1 <sup>4</sup>	648,458 <sup>1254</sup>	656,121 <sup>94</sup>	XII
XLVII	15,270 <sup>29</sup>	98,827 3 <sup>4</sup>	15,451 <sup>30</sup>	101,186 6 <sup>4</sup>	647,208 <sup>1250</sup>	654,886 <sup>93</sup>	XI
XLVIII	15,299 <sup>29</sup>	98,822 8 <sup>4</sup>	15,481 <sup>30</sup>	101,191 2 <sup>4</sup>	645,962 <sup>1246</sup>	653,655 <sup>92</sup>	X
XLIX	15,327 <sup>28</sup>	98,818 4 <sup>4</sup>	15,511 <sup>30</sup>	101,195 7 <sup>4</sup>	644,721 <sup>1241</sup>	652,429 <sup>91</sup>	IX
L	15,356 <sup>29</sup>	98,813 9 <sup>4</sup>	15,540 <sup>29</sup>	101,200 3 <sup>4</sup>	643,488 <sup>1235</sup>	651,208 <sup>90</sup>	VIII
LI	15,385 <sup>29</sup>	98,809 4 <sup>4</sup>	15,570 <sup>30</sup>	101,204 9 <sup>4</sup>	642,256 <sup>1232</sup>	649,991 <sup>89</sup>	VII
LII	15,414 <sup>29</sup>	98,805 0 <sup>4</sup>	15,600 <sup>30</sup>	101,209 5 <sup>4</sup>	641,029 <sup>1227</sup>	648,779 <sup>88</sup>	VI
LIII	15,442 <sup>28</sup>	98,800 5 <sup>4</sup>	15,630 <sup>30</sup>	101,214 1 <sup>4</sup>	639,806 <sup>1223</sup>	647,572 <sup>87</sup>	V
LIII	15,471 <sup>29</sup>	98,796 0 <sup>4</sup>	15,660 <sup>30</sup>	101,218 7 <sup>4</sup>	638,585 <sup>1219</sup>	646,369 <sup>86</sup>	III
LV	15,500 <sup>29</sup>	98,791 5 <sup>4</sup>	15,689 <sup>29</sup>	101,223 3 <sup>4</sup>	637,372 <sup>1213</sup>	645,170 <sup>85</sup>	II
LVI	15,529 <sup>29</sup>	98,787 0 <sup>4</sup>	15,719 <sup>30</sup>	101,227 9 <sup>4</sup>	636,164 <sup>1208</sup>	643,976 <sup>84</sup>	I
LVII	15,557 <sup>28</sup>	98,782 4 <sup>4</sup>	15,749 <sup>30</sup>	101,232 6 <sup>4</sup>	634,961 <sup>1203</sup>	642,787 <sup>83</sup>	
LVIII	15,586 <sup>29</sup>	98,777 9 <sup>4</sup>	15,779 <sup>30</sup>	101,237 2 <sup>4</sup>	633,761 <sup>1200</sup>	641,602 <sup>82</sup>	
LIX	15,615 <sup>29</sup>	98,773 4 <sup>4</sup>	15,809 <sup>30</sup>	101,241 9 <sup>4</sup>	632,566 <sup>1196</sup>	640,421 <sup>81</sup>	
LX	15,643 <sup>28</sup>	98,768 8 <sup>4</sup>	15,838 <sup>29</sup>	101,246 5 <sup>4</sup>	631,375 <sup>1191</sup>	639,245 <sup>80</sup>	
PRIMA		SERIE SECUNDA		TERTIA		SCRVP. LXXXI.	
num E CANONE SI-		Fæcundissimoque E CANONE FÆCVNDO		Fæcundissimoque E CANONE FÆCVNDO		PART.	
Basis Perpendiculum 100,000		Basis Hypotenusa 100,000		Perpendiculum Hypotenusa 100,000		congrua Perpendiculo PERIPHERIA	
Hypotenusa		Perpendiculum		Basis		commo- Circu-	
RESIDVA						gruus. nusa con- Hypote- lus rectus. part. Angu circuli xc. Quadrans	
dati lo ad-							

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus.

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

IX.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SERIE  
SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERCIA

lo ad-  
dati

RESIDVA  
Basi  
congrua

	15,643	98,768 8	15,838	101,246 5	631,375	639,245	LX
I	25,672	98,764 3	15,868	101,251 2	630,188	638,073	LIX
II	15,701	94,759 7	15,898	101,255 8	629,006	636,906	LVIII
III	15,730	98,755 1	15,928	101,260 5	627,828	635,743	LVII
IIII	15,758	98,750 6	15,958	101,265 2	626,655	634,584	LVI
V	15,787	98,746 0	15,988	101,269 9	625,486	633,429	LV
VI	15,816	9 8,741 4	16,017	101,274 7	624,321	632,279	LIII
VII	15,845	98,736 8	16,047	101,279 4	623,160	631,132	LI
VIII	15,873	98,732 2	16,077	101,284 1	622,003	629,990	LII
IX	15,902	98,727 5	16,107	101,288 8	620,851	628,853	LI
X	15,931	98,722 9	16,137	101,293 6	619,703	627,719	L
XI	15,959	98,718 3	16,167	101,298 3	618,559	626,600	XLIX
XII	15,988	98,713 6	16,196	101,303 1	617,419	625,464	XLVIII
XIII	16,017	98,709 0	16,226	101,307 9	616,283	624,343	XLVII
XIIII	16,046	98,704 3	16,256	101,312 7	615,151	623,226	XLVI
XV	16,074	98,699 6	16,286	101,317 5	614,023	622,113	XLV
XVI	16,103	98,695 0	16,316	101,322 3	612,899	621,004	XLIIII
XVII	16,132	98,690 3	16,346	101,327 1	611,780	619,899	XLIII
XVIII	16,160	98,685 6	16,376	101,331 9	610,664	618,797	XLII
XIX	16,189	98,680 9	16,405	101,336 7	609,552	617,700	XLI
XX	16,218	98,676 2	16,435	101,341 6	608,444	616,607	XL
XXI	16,246	98,671 4	16,465	101,346 4	607,340	615,517	XXXIX
XXII	16,275	98,666 7	16,495	101,351 3	606,240	614,432	XXXVIII
XXIII	16,304	98,662 0	16,525	101,356 1	605,144	613,350	XXVII
XXIIII	16,333	98,657 2	16,555	101,361 0	604,051	612,273	XXXVI
XXV	16,361	98,652 5	16,585	101,365 9	602,963	611,199	XXXV
XXVI	16,390	98,647 7	16,615	101,370 8	601,878	610,129	XXXIIII
XXVII	16,419	98,642 9	16,645	101,375 7	600,797	609,062	XXXIII
XXVII I	16,447	98,638 1	16,674	101,380 6	599,720	608,000	XXXII
XXIX	16,476	98,633 4	16,704	101,385 5	598,646	606,941	XXXI
XXX	16,505	98,628 6	16,734	101,390 5	597,577	605,886	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA  
SERIE

Fæcundissimoque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendiculum

TERCIA

Fæcundissimoque  
E CANONE FÆCVNDO

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LXXX.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo  
Circu-

gruus-  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circulixc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



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TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA. Perpendiculo congrua PART. IX. SCRVP.	Hypotenusa 100, 000 Perpendiculum Basis		Basis 100, 000 Perpendiculum Hypotenusa		Perpendiculum 100, 000 Basis Hypotenusa		lo ad- dati RE SIDVA Basi congrua
		E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimôque SERIE		E CANONE FÆCVNDO Fæcundissimôque		
		PRIMA		SECUNDA		TERTIA		
XXX		16, 505	98, 628 6	16, 734	101, 390 5	597, 577	605, 886	XXX
XXXI		16, 533	98, 623 8	16, 764	101, 395 4	596, 511	604, 835	XXIX
XXXII		16, 562	98, 618 9	16, 794	101, 400 4	595, 449	603, 787	XXVIII
XXXIII		16, 591	98, 614 1	16, 824	101, 405 3	594, 390	602, 743	XXVII
XXXIII		16, 620	98, 609 3	16, 854	101, 410 3	593, 335	601, 702	XXVI
XXXV		16, 648	98, 604 5	16, 884	101, 415 3	592, 284	600, 666	XXV
XXXVI		16, 677	98, 599 6	16, 914	101, 420 3	591, 236	599, 633	XXIII
XXXVII		16, 706	98, 594 8	16, 944	101, 425 3	590, 192	598, 603	XXII
XXXVIII		16, 734	98, 589 9	16, 974	101, 430 3	589, 151	597, 577	XXI
XXXIX		16, 763	98, 585 0	17, 004	101, 435 3	588, 114	596, 555	XX
XL		16, 792	98, 580 1	17, 033	101, 440 3	587, 080	595, 536	XIX
XLI		16, 820	98, 575 2	17, 063	101, 445 4	586, 050	594, 521	XVIII
XLII		16, 849	98, 570 3	17, 093	101, 450 4	585, 024	593, 509	XVII
XLIII		16, 878	98, 565 4	17, 123	101, 455 4	584, 001	592, 501	XVI
XLIII		16, 906	98, 560 5	17, 153	101, 460 5	582, 981	591, 496	XV
XLV		16, 935	98, 555 6	17, 183	101, 465 5	581, 965	590, 494	XIII
XLVI		16, 964	98, 550 7	17, 213	101, 470 6	580, 953	589, 497	XII
XLVII		16, 992	98, 545 7	17, 243	101, 475 7	579, 944	588, 502	XI
XLVIII		17, 021	98, 540 8	17, 273	101, 480 8	578, 938	587, 511	X
XLIX		17, 050	98, 535 8	17, 303	101, 485 9	577, 936	586, 523	IX
L		17, 078	98, 530 9	17, 333	101, 491 0	576, 937	585, 539	VIII
LI		17, 107	98, 525 9	17, 363	101, 496 2	575, 941	584, 558	VII
LII		17, 136	98, 520 9	17, 393	101, 501 3	574, 949	583, 580	VI
LIII		17, 164	98, 515 9	17, 423	101, 506 4	573, 960	582, 606	V
LIII		17, 193	98, 510 9	17, 453	101, 511 6	572, 974	581, 635	III
LV		17, 222	98, 505 9	17, 483	101, 516 7	571, 992	580, 667	II
LVI		17, 250	98, 500 9	17, 513	101, 521 9	571, 013	579, 703	I
LVII		17, 279	98, 495 9	17, 543	101, 527 0	570, 057	578, 742	
LVIII		17, 308	98, 490 9	17, 573	101, 532 2	569, 064	577, 784	
LIX		17, 336	98, 485 8	17, 603	101, 537 4	568, 095	576, 829	
LX		17, 365	98, 480 8	17, 633	101, 542 6	567, 129	575, 877	
		PRIMA nuum E CANONE SI-		SECUNDA SERIE Fæcundissimôque E CANONE FÆCVNDO		TERTIA Fæcundissimôque E CANONE FÆCVNDO		SCRVP. LXXX.
		Basis Perpendiculum 100, 000 Hypotenusa		Basis Hypotenusa 100, 000 Perpendiculum		Perpendiculum Hypotenusa 100, 000 Basis		PART. congrua Perpendiculo PERIPHERIA
								commo- Circu-
								gruus. nusa con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans

TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Facundissimòque SERIE		E CANONE FÆCVNDO Facundissimòque		
		PRIMA		SECUNDA		TERTIA		
		PART. X. SCRVP.						
I		17,365 <sup>28</sup>	98,480 <sup>51</sup> 8	17,633 <sup>30</sup>	101,542 <sup>52</sup> 6	567,129 <sup>964</sup>	575,877 <sup>948</sup>	LX
II		17,393 <sup>29</sup>	98,475 <sup>50</sup> 7	17,663 <sup>30</sup>	101,547 <sup>53</sup> 8	566,165 <sup>959</sup>	574,929 <sup>945</sup>	LIX
III		17,422 <sup>29</sup>	98,470 <sup>51</sup> 7	17,693 <sup>30</sup>	101,553 <sup>52</sup> 1	565,206 <sup>957</sup>	573,984 <sup>942</sup>	LVIII
IIII		17,451 <sup>28</sup>	98,465 <sup>51</sup> 6	17,723 <sup>30</sup>	101,558 <sup>53</sup> 3	564,249 <sup>954</sup>	573,042 <sup>940</sup>	LVII
V		17,479 <sup>29</sup>	98,460 <sup>51</sup> 5	17,753 <sup>30</sup>	101,563 <sup>52</sup> 6	563,295 <sup>951</sup>	572,102 <sup>935</sup>	LVI
VI		17,508 <sup>29</sup>	98,455 <sup>51</sup> 4	17,783 <sup>30</sup>	101,568 <sup>53</sup> 8	562,344 <sup>947</sup>	571,167 <sup>933</sup>	LV
VII		17,537 <sup>28</sup>	98,450 <sup>51</sup> 3	17,813 <sup>30</sup>	101,574 <sup>52</sup> 1	561,397 <sup>945</sup>	570,234 <sup>930</sup>	LVIII
VIII		17,565 <sup>29</sup>	98,445 <sup>51</sup> 2	17,843 <sup>30</sup>	101,579 <sup>53</sup> 3	560,452 <sup>941</sup>	569,304 <sup>927</sup>	LIII
IX		17,594 <sup>29</sup>	98,440 <sup>51</sup> 1	17,873 <sup>30</sup>	101,584 <sup>53</sup> 6	559,511 <sup>938</sup>	568,377 <sup>925</sup>	LII
X		17,623 <sup>28</sup>	98,435 <sup>52</sup> 0	17,903 <sup>30</sup>	101,589 <sup>53</sup> 9	558,573 <sup>935</sup>	567,454 <sup>921</sup>	LI
XI		17,651 <sup>29</sup>	98,429 <sup>51</sup> 8	17,933 <sup>30</sup>	101,595 <sup>53</sup> 2	557,638 <sup>933</sup>	566,533 <sup>918</sup>	L
XII		17,680 <sup>28</sup>	98,424 <sup>51</sup> 7	17,963 <sup>30</sup>	101,600 <sup>53</sup> 5	556,705 <sup>929</sup>	565,615 <sup>914</sup>	XLIX
XIII		17,708 <sup>29</sup>	98,419 <sup>51</sup> 6	17,993 <sup>30</sup>	101,605 <sup>53</sup> 8	555,776 <sup>926</sup>	564,701 <sup>912</sup>	XLVIII
XIIII		17,737 <sup>29</sup>	98,414 <sup>52</sup> 4	18,023 <sup>30</sup>	101,611 <sup>53</sup> 1	554,850 <sup>923</sup>	563,789 <sup>908</sup>	XLVII
XV		17,766 <sup>28</sup>	98,409 <sup>51</sup> 2	18,053 <sup>30</sup>	101,616 <sup>53</sup> 5	553,927 <sup>920</sup>	562,881 <sup>906</sup>	XLVI
XVI		17,794 <sup>29</sup>	98,404 <sup>52</sup> 1	18,083 <sup>30</sup>	101,621 <sup>53</sup> 8	553,007 <sup>917</sup>	561,975 <sup>902</sup>	XLV
XVII		17,823 <sup>29</sup>	98,398 <sup>52</sup> 9	18,113 <sup>30</sup>	101,627 <sup>53</sup> 2	552,090 <sup>915</sup>	561,073 <sup>900</sup>	XLIIII
XVIII		17,852 <sup>28</sup>	98,393 <sup>52</sup> 7	18,143 <sup>30</sup>	101,632 <sup>53</sup> 5	551,175 <sup>911</sup>	560,173 <sup>896</sup>	XLIII
XIX		17,880 <sup>29</sup>	98,388 <sup>52</sup> 5	18,173 <sup>30</sup>	101,637 <sup>53</sup> 9	550,264 <sup>908</sup>	559,277 <sup>894</sup>	XLII
XX		17,909 <sup>28</sup>	98,383 <sup>52</sup> 3	18,203 <sup>30</sup>	101,643 <sup>53</sup> 2	549,356 <sup>906</sup>	558,383 <sup>890</sup>	XLI
XXI		17,937 <sup>29</sup>	98,378 <sup>52</sup> 1	18,233 <sup>30</sup>	101,648 <sup>53</sup> 6	548,450 <sup>902</sup>	557,493 <sup>889</sup>	XL
XXII		17,966 <sup>29</sup>	98,372 <sup>52</sup> 9	18,263 <sup>30</sup>	101,654 <sup>53</sup> 0	547,548 <sup>900</sup>	556,604 <sup>885</sup>	XXXIX
XXIII		17,995 <sup>28</sup>	98,367 <sup>52</sup> 6	18,293 <sup>30</sup>	101,659 <sup>53</sup> 4	546,648 <sup>897</sup>	555,719 <sup>882</sup>	XXXVIII
XXIIII		18,023 <sup>29</sup>	98,362 <sup>53</sup> 4	18,323 <sup>30</sup>	101,664 <sup>53</sup> 8	545,751 <sup>894</sup>	554,837 <sup>879</sup>	XXXVII
XXV		18,052 <sup>29</sup>	98,357 <sup>53</sup> 1	18,353 <sup>30</sup>	101,670 <sup>53</sup> 3	544,857 <sup>891</sup>	553,958 <sup>877</sup>	XXXVI
XXVI		18,081 <sup>28</sup>	98,351 <sup>53</sup> 9	18,383 <sup>30</sup>	101,675 <sup>53</sup> 7	543,966 <sup>889</sup>	553,081 <sup>873</sup>	XXXV
XXVII		18,109 <sup>29</sup>	98,346 <sup>53</sup> 6	18,414 <sup>30</sup>	101,681 <sup>53</sup> 2	543,077 <sup>885</sup>	552,208 <sup>871</sup>	XXXIIII
XXVIII		18,138 <sup>28</sup>	98,341 <sup>53</sup> 4	18,444 <sup>30</sup>	101,686 <sup>53</sup> 6	542,192 <sup>883</sup>	551,337 <sup>869</sup>	XXXIII
XXIX		18,166 <sup>29</sup>	98,336 <sup>53</sup> 1	18,474 <sup>30</sup>	101,692 <sup>53</sup> 1	541,309 <sup>880</sup>	550,468 <sup>865</sup>	XXXII
XXX		18,195 <sup>29</sup>	98,330 <sup>53</sup> 8	18,504 <sup>30</sup>	101,697 <sup>53</sup> 6	540,429 <sup>877</sup>	549,603 <sup>862</sup>	XXXI
		18,224 <sup>29</sup>	98,325 <sup>53</sup> 5	18,534 <sup>30</sup>	101,703 <sup>53</sup> 0	539,552 <sup>877</sup>	548,741 <sup>862</sup>	XXX
		PRIMA		SECUNDA SERIE		TERTIA		SCRVP. LXXIX.
		num E CANONE SI-		Facundissimòque E CANONE FÆCVNDO		Facundissimòque E CANONE FÆCVNDO		PART.
		Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	
		100,000		100,000		100,000		
		Hypotenusa		Perpendiculum		Basis		
								congrua Perpendiculo PERIPHERIA
								commo- Circu-
								grus. nude con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Circu- commo- PERIPHERIA. Perpendiculo congrua		Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati	
PART.		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		RESIDVA Basi congrua	
X.		PRIMA		SECUNDA		TERTIA			
SCRVP.									
XXX	18,224	98,325	5	18,534	101,703	0	539,552	548,741	XXX
XXXI	28,252	98,520	2	18,564	101,708	5	538,677	547,881	XXIX
XXXII	18,281	98,314	9	18,594	101,714	0	537,806	547,024	XXVIII
XXXIII	18,309	98,309	6	18,624	101,719	5	536,937	546,169	XXVII
XXXIII	18,338	98,304	2	18,654	101,725	0	536,070	545,317	XXVI
XXXV	18,367	98,298	9	18,684	101,730	6	535,207	544,469	XXV
XXXVI	18,395	98,293	5	18,714	101,736	1	534,346	543,623	XXIII
XXXVII	18,424	98,288	2	18,745	101,741	6	533,487	542,779	XXII
XXXVIII	18,452	98,282	8	18,775	101,747	2	532,031	541,938	XXI
XXXIX	18,481	98,277	5	18,805	101,752	7	531,778	541,099	XX
XL	18,509	98,272	1	18,835	101,758	3	530,928	540,262	XIX
XLI	18,538	98,266	7	18,865	101,763	9	530,080	539,430	XVIII
XLII	18,567	98,261	3	18,895	101,769	6	529,235	538,600	XVII
XLIII	18,595	98,255	9	18,925	101,775	1	528,393	537,772	XVI
XLIII	18,624	98,250	5	18,955	101,780	7	527,553	536,947	XV
XLV	18,652	98,245	0	18,986	101,786	3	526,715	536,124	XIII
XLVI	18,681	98,239	6	19,016	101,791	9	525,881	535,304	XII
XLVII	18,710	98,234	2	19,046	101,797	6	525,048	534,486	XI
XLVIII	18,738	98,228	7	19,076	101,803	2	524,219	533,671	X
XLIX	18,767	98,223	3	19,106	101,808	9	523,392	532,859	IX
L	18,795	98,217	8	19,136	101,814	5	522,567	532,049	VIII
LI	18,824	98,212	3	19,166	101,820	2	521,745	531,241	VII
LII	18,852	98,206	9	19,197	101,825	9	520,925	530,436	VI
LIII	18,881	98,201	4	19,227	101,831	6	520,108	529,634	V
LIII	18,910	98,195	9	19,257	101,837	3	519,293	528,834	IIII
LV	18,938	98,190	4	19,287	101,843	0	518,481	528,036	III
LVI	18,967	98,184	9	19,317	101,848	7	517,671	527,241	II
LVII	18,995	98,179	3	19,347	101,854	4	516,863	526,448	I
LVIII	19,024	98,173	8	19,378	101,860	2	516,058	525,658	
LIX	19,052	98,168	3	19,408	101,865	9	515,256	524,870	
LX	19,081	98,162	7	19,438	101,871	7	514,455	524,084	
PRIMA		SECUNDA		TERTIA		SCRVP.		LXXIX.	
num		Fæcundissimòque		Fæcundissimòque		PART.		grus. nuz con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans	
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua Perpendiculo PERIPHERIA			
Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		com mo-			
100,000 Hypotenusa		100,000 Perpendiculum		100,000 Basis		Circu-			
TRIANGVLI		PLANI		RECTANGVLI					



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo-  PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati  RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
		PART.		SERIE		TERTIA		
		XI.		SECUNDA				
		SCRVP.						
		PRIMA						

	19,081	98,162	7	19,438	101,871	7	514,455	524,084	LX
I	19,109	98,157	2	19,468	101,877	4	513,658	523,301	LIX
II	19,138	98,151	6	19,498	101,883	2	512,862	522,520	LVIII
III	19,167	98,146	0	19,529	101,889	0	512,069	521,742	LVII
IIII	19,195	98,140	5	19,559	101,894	8	511,279	520,966	LVI
V	19,224	98,134	9	19,589	101,900	6	810,490	520,192	LV
VI	19,252	98,129	3	19,619	101,906	4	509,704	519,421	LIIII
VII	19,281	98,123	7	19,649	101,912	2	598,921	518,652	LIII
VIII	19,309	98,118	1	19,680	101,918	0	508,139	517,886	LII
IX	19,338	98,112	4	19,710	101,923	9	507,360	517,121	LI
X	19,366	98,106	8	19,740	101,929	7	506,584	516,359	L
XI	19,395	98,101	2	19,770	101,935	6	505,809	515,599	XLIX
XII	19,423	98,095	5	19,800	101,941	4	505,037	514,842	XLVIII
XIII	19,452	98,089	9	19,830	101,947	3	504,267	514,087	XLVII
XIIII	19,480	98,084	2	19,861	101,953	2	503,499	513,334	XLVI
XV	19,509	98,078	5	19,891	101,959	1	502,734	512,583	XLV
XVI	19,538	98,072	9	19,921	101,965	0	501,971	511,835	XLIIII
XVII	19,566	98,067	2	19,952	101,970	9	501,210	511,088	XLIII
XVIII	19,595	98,061	5	19,982	101,976	8	500,451	510,344	XLII
XIX	19,623	98,055	8	20,012	101,982	8	499,695	509,603	XLI
XX	19,652	98,050	1	20,042	101,988	8	498,940	508,863	XL
XXI	19,680	98,044	3	20,073	101,994	7	498,188	508,125	XXXIX
XXII	19,709	98,038	6	20,103	102,000	6	497,438	507,390	XXXVIII
XXIII	19,737	98,032	9	20,133	102,006	6	496,690	506,657	XXXVII
XXIIII	19,766	98,027	1	20,164	102,012	6	495,945	505,926	XXXVI
XXV	19,794	98,021	4	20,194	102,018	6	495,201	505,197	XXXV
XXVI	19,823	98,015	6	20,224	102,024	6	494,460	504,471	XXXIIII
XXVII	19,851	98,009	8	20,254	102,030	6	493,721	503,746	XXXIII
XXVIII	19,880	98,004	1	20,285	102,036	6	492,984	503,024	XXXII
XXIX	19,908	97,998	3	20,315	102,042	6	492,249	502,303	XXXI
XXX	19,937	97,992	5	20,345	102,048	6	491,516	501,585	XXX

congrua Basi RESIDVA  dari lo ad-	PRIMA		SECUNDA		TERTIA		SCRVP.	
	SERIE		SERIE		SERIE		LXXVIII.	
	num		Fæcundissimòque		Fæcundissimòque		PART.	
	E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua	
	Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		Perpendiculo	
	100,000		100,000		100,000		PERIPHERIA	
	Hypotenusa		Perpendiculum		Basis		commo- Circu-	

## TRIANGVLI PLANI RECTANGVLI



SEV. AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA. Perpendiculo congrua	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		lo ad- dati ASSIDVA Basi congrua
		Perpendiculum	Basis	Perpendiculum	Hypotenusa	Basis	Hypotenusa	
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		
		num		Fæcundissimòque		Fæcundissimòque		
PART.		PRIMA		SECUNDA		TERTIA		
XI.								
SCRVP.								
XXX		19,937	97,992 5	20,345	102,048 6	491,516	501,585	XXX
XXXI		19,965	97,986 7	20,376	102,054 7	490,785	500,869	XXIX
XXXII		19,994	97,980 9	20,406	102,060 7	490,056	500,155	XXVIII
XXXIII		20,022	97,975 0	20,436	102,066 8	489,329	499,443	XXVII
XXXIII		20,051	97,969 2	20,466	102,072 8	488,605	498,733	XXVI
XXXV		20,079	97,963 4	20,497	102,078 9	487,882	498,025	XXV
XXXVI		20,108	97,957 5	20,527	102,085 0	487,162	497,320	XXIII
XXXVII		20,136	97,951 7	20,557	102,091 1	486,444	496,616	XXII
XXXVIII		20,165	97,945 8	20,588	102,097 2	485,727	495,914	XXI
XXXIX		20,193	97,940 0	20,618	102,103 4	485,013	495,214	XX
XL		20,222	97,934 1	20,648	102,109 5	484,300	494,517	XIX
XLI		20,250	97,928 2	20,678	102,115 7	483,590	493,821	XVIII
XLII		20,279	97,922 3	20,709	102,121 8	482,882	493,128	XVII
XLIII		20,307	97,916 4	20,739	102,128 0	482,175	492,436	XVI
XLIII		20,336	97,910 5	20,769	102,134 2	481,471	491,746	XV
XLV		20,364	97,904 6	20,800	102,140 3	480,768	491,058	XIII
XLVI		20,393	97,898 6	20,830	102,146 5	480,068	490,372	XII
XLVII		20,421	97,892 7	20,860	102,152 7	479,369	489,689	XI
XLVII		20,450	97,886 7	20,891	102,158 9	478,673	489,007	X
XLIX		20,478	97,880 8	20,921	102,165 1	477,978	488,327	IX
L		20,507	97,874 8	20,951	102,171 4	477,285	487,649	VIII
LI		20,535	97,868 9	20,982	102,177 6	476,595	486,974	VII
LII		20,563	97,862 9	21,013	102,183 8	475,906	486,299	VI
LIII		20,592	97,856 9	21,043	102,190 0	475,219	485,626	V
LIII		20,620	97,850 9	21,073	102,196 3	474,534	484,956	III
LV		20,649	97,844 9	21,104	102,202 5	473,851	484,288	II
LVI		20,677	97,838 9	21,134	102,208 8	473,169	483,621	I
LVII		20,706	97,832 9	21,164	102,215 1	472,490	482,956	
LVIII		20,734	97,826 8	21,195	102,221 4	471,812	482,294	
LIX		20,763	97,820 8	21,225	102,227 7	471,137	481,633	
LX		20,791	97,814 8	21,256	102,234 0	470,463	480,973	

congrua Basi ASSIDVA	PRIMA		SECUNDA SERIE		TERTIA		SERV. LXXVIII.	
	num		Fæcundissimòque		Fæcundissimòque		PART.	
	E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua Perpendiculo PERIPHERIA	
	Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	commo- Circu-	
	100,000		100,000		100,000		grua. nusa con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans.	
	Hypotenusa		Perpendiculum		Basis			
dati load-								

TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus.

Circu-  
commo-

PERIPHERIA  
Perpendicularo  
congrua

PART.

XII.

SCRVP.

Hypotenusa  
100,000  
Perpendicularum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendicularum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SERIE  
SECYNDÆ

Perpendicularum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERTIÆ

lo ad-  
dati

RESIDVA  
Basi  
congrua

	20,791	97,814 8	21,256	102,234 0	470,463	480,973	LX
I	20,820	97,808 7	21,286	102,240 4	469,791	480,316	LIX
II	20,848	97,802 7	21,316	102,246 7	469,121	479,661	LVIII
III	20,877	97,796 6	21,347	102,253 1	468,452	479,007	LVII
IIII	20,905	97,790 5	21,377	102,259 4	467,786	478,355	LVI
V	20,933	97,784 4	21,408	102,265 8	467,121	477,705	LV
VI	20,962	97,778 3	21,438	102,272 2	466,458	477,056	LIII
VII	20,990	97,772 2	21,468	102,278 5	465,797	476,410	LI
VIII	21,019	97,766 1	21,499	102,284 9	465,138	475,766	LII
IX	21,047	97,760 0	21,529	102,291 3	464,480	475,123	LI
X	21,076	97,753 9	21,560	102,297 7	463,824	474,482	L
XI	21,104	97,747 7	21,590	102,304 1	463,170	473,843	XLIX
XII	21,132	97,741 6	21,621	102,310 6	462,518	473,205	XLVIII
XIII	21,161	97,735 4	21,651	102,317 0	461,868	472,569	XLVII
XIIII	21,189	97,729 3	21,682	102,323 5	461,219	471,935	XLVI
XV	21,218	97,723 1	21,712	102,329 9	460,572	471,303	XLV
XVI	21,246	97,716 9	21,743	102,336 4	459,927	470,672	XLIIII
XVII	21,275	97,710 8	21,773	102,342 9	459,283	470,044	XLIII
XVIII	21,303	97,704 6	21,804	102,349 4	458,641	469,417	XLII
XIX	21,331	97,698 4	21,834	102,355 9	458,001	468,791	XLI
XX	21,360	97,692 2	21,864	102,362 4	457,363	468,167	XL
XXI	21,388	97,685 9	21,895	102,368 9	456,726	467,545	XXXIX
XXII	21,417	97,679 7	21,925	102,375 4	456,091	466,925	XXXVIII
XXIII	21,445	97,673 5	21,956	102,381 9	455,458	466,307	XXXVII
XXIIII	21,474	97,667 2	21,986	102,388 5	454,826	465,690	XXXVI
XXV	21,502	97,661 0	22,017	102,395 0	454,196	465,074	XXXV
XXVI	21,530	97,654 7	22,047	102,401 6	453,568	464,461	XXXIIII
XXVII	21,559	97,648 5	22,078	102,408 2	452,941	463,849	XXXIII
XXVIII	21,587	97,642 2	22,108	102,414 8	452,316	463,238	XXXII
XXIX	21,616	97,635 9	22,139	102,421 4	451,693	462,630	XXXI
XXX	21,644	97,629 6	22,169	102,428 0	451,071	462,023	XXX

PRIMA

SECYNDÆ  
SERIE

TERTIÆ

SCRVP.

LXXVII.

PART.

congrua  
Basi  
RESIDVA

dati  
lo ad-

Basis Perpendicularum  
100,000  
Hypotenusa

Basis Hypotenusa  
100,000  
Perpendicularum

Perpendicularum Hypotenusa  
100,000  
Basis

congrua  
Perpendicularo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa cor-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo-  PERIPHERIA Perpendiculo congrua  PART.  XII.  SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati  RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SERIE SECUNDA		TERTIA		
XXX		21,644 <sup>28</sup>	97,629 6 <sup>53</sup>	22,169 <sup>31</sup>	102,428 0 <sup>66</sup>	451,071 <sup>620</sup>	462,023 <sup>605</sup>	XXX
XXXI		21,672 <sup>29</sup>	97,623 3 <sup>63</sup>	22,200 <sup>31</sup>	102,434 6 <sup>66</sup>	450,451 <sup>619</sup>	461,418 <sup>604</sup>	XXIX
XXXII		21,701 <sup>28</sup>	97,617 0 <sup>53</sup>	22,231 <sup>30</sup>	102,441 2 <sup>66</sup>	449,832 <sup>617</sup>	460,814 <sup>602</sup>	XXVIII
XXXIII		21,729 <sup>29</sup>	97,610 7 <sup>63</sup>	22,261 <sup>30</sup>	102,447 8 <sup>66</sup>	449,215 <sup>615</sup>	460,212 <sup>601</sup>	XXVII
XXXIII		21,758 <sup>28</sup>	97,604 4 <sup>53</sup>	22,291 <sup>31</sup>	102,454 4 <sup>67</sup>	448,600 <sup>614</sup>	459,611 <sup>599</sup>	XXVI
XXXV		21,786 <sup>28</sup>	97,598 0 <sup>53</sup>	22,322 <sup>31</sup>	102,461 1 <sup>66</sup>	447,986 <sup>612</sup>	459,012 <sup>597</sup>	XXV
XXXVI		21,814 <sup>29</sup>	97,591 7 <sup>64</sup>	22,353 <sup>30</sup>	102,467 7 <sup>67</sup>	447,374 <sup>610</sup>	458,414 <sup>595</sup>	XXIII
XXXVII		21,843 <sup>28</sup>	97,585 3 <sup>53</sup>	22,383 <sup>31</sup>	102,474 4 <sup>67</sup>	446,764 <sup>609</sup>	457,819 <sup>594</sup>	XXII
XXXVIII		21,871 <sup>28</sup>	97,579 0 <sup>53</sup>	22,414 <sup>30</sup>	102,481 1 <sup>67</sup>	446,155 <sup>608</sup>	457,225 <sup>593</sup>	XXI
XXXIX		21,899 <sup>29</sup>	97,572 6 <sup>64</sup>	22,444 <sup>31</sup>	102,487 8 <sup>67</sup>	445,547 <sup>607</sup>	456,632 <sup>590</sup>	XX
XL		21,928 <sup>28</sup>	97,566 2 <sup>53</sup>	22,475 <sup>30</sup>	102,494 5 <sup>67</sup>	444,942 <sup>604</sup>	456,042 <sup>589</sup>	XIX
XLI		21,956 <sup>29</sup>	97,559 9 <sup>64</sup>	22,505 <sup>30</sup>	102,501 2 <sup>67</sup>	444,338 <sup>603</sup>	455,453 <sup>588</sup>	XVIII
XLII		21,985 <sup>28</sup>	97,553 5 <sup>53</sup>	22,535 <sup>31</sup>	102,507 9 <sup>67</sup>	443,735 <sup>601</sup>	454,865 <sup>587</sup>	XVII
XLIII		22,013 <sup>28</sup>	97,547 1 <sup>64</sup>	22,566 <sup>31</sup>	102,514 6 <sup>68</sup>	443,134 <sup>600</sup>	454,278 <sup>585</sup>	XVI
XLIII		22,041 <sup>29</sup>	97,540 7 <sup>65</sup>	22,597 <sup>31</sup>	102,521 4 <sup>67</sup>	442,534 <sup>598</sup>	453,693 <sup>583</sup>	XV
XLV		22,070 <sup>28</sup>	97,534 2 <sup>53</sup>	22,628 <sup>30</sup>	102,528 1 <sup>68</sup>	441,936 <sup>596</sup>	453,110 <sup>582</sup>	XIII
XLVI		22,098 <sup>28</sup>	97,527 8 <sup>64</sup>	22,658 <sup>30</sup>	102,534 9 <sup>68</sup>	441,340 <sup>595</sup>	452,528 <sup>581</sup>	XII
XLVII		22,126 <sup>29</sup>	97,521 4 <sup>65</sup>	22,689 <sup>31</sup>	102,541 6 <sup>67</sup>	440,745 <sup>593</sup>	451,949 <sup>579</sup>	XIII
XLVIII		22,155 <sup>29</sup>	97,514 9 <sup>65</sup>	22,719 <sup>40</sup>	102,548 4 <sup>68</sup>	440,152 <sup>592</sup>	451,371 <sup>578</sup>	XII
XLIX		22,183 <sup>28</sup>	97,508 5 <sup>53</sup>	22,750 <sup>31</sup>	122,555 2 <sup>68</sup>	439,560 <sup>591</sup>	450,795 <sup>576</sup>	XI
L		22,212 <sup>29</sup>	97,502 0 <sup>65</sup>	22,781 <sup>31</sup>	102,562 0 <sup>68</sup>	438,969 <sup>590</sup>	450,219 <sup>575</sup>	X
LI		22,240 <sup>28</sup>	97,495 6 <sup>53</sup>	22,811 <sup>30</sup>	102,568 8 <sup>68</sup>	438,381 <sup>588</sup>	449,646 <sup>573</sup>	IX
LII		22,268 <sup>28</sup>	97,489 1 <sup>53</sup>	22,842 <sup>31</sup>	102,575 6 <sup>68</sup>	437,793 <sup>588</sup>	449,072 <sup>574</sup>	VIII
LIII		22,297 <sup>29</sup>	97,482 6 <sup>65</sup>	22,872 <sup>30</sup>	102,582 4 <sup>68</sup>	437,207 <sup>586</sup>	448,501 <sup>571</sup>	VII
LIII		22,325 <sup>28</sup>	97,476 1 <sup>53</sup>	22,903 <sup>31</sup>	102,589 3 <sup>69</sup>	436,623 <sup>584</sup>	447,930 <sup>571</sup>	VI
LV		22,353 <sup>28</sup>	97,469 6 <sup>65</sup>	22,934 <sup>31</sup>	102,596 1 <sup>68</sup>	436,040 <sup>583</sup>	447,361 <sup>569</sup>	V
LVI		22,382 <sup>29</sup>	97,463 1 <sup>65</sup>	22,964 <sup>30</sup>	102,602 9 <sup>68</sup>	435,459 <sup>581</sup>	446,794 <sup>567</sup>	IIII
LVII		22,410 <sup>28</sup>	97,456 6 <sup>53</sup>	22,995 <sup>32</sup>	102,608 9 <sup>69</sup>	434,879 <sup>580</sup>	446,229 <sup>565</sup>	III
LVIII		22,438 <sup>28</sup>	97,450 1 <sup>53</sup>	23,026 <sup>32</sup>	102,616 6 <sup>68</sup>	434,300 <sup>579</sup>	445,665 <sup>564</sup>	III
LIX		22,467 <sup>29</sup>	97,443 6 <sup>65</sup>	23,056 <sup>30</sup>	102,623 5 <sup>69</sup>	433,723 <sup>577</sup>	445,103 <sup>562</sup>	II
LX		22,495 <sup>28</sup>	97,437 0 <sup>66</sup>	23,087 <sup>31</sup>	102,630 4 <sup>69</sup>	433,147 <sup>576</sup>	444,541 <sup>561</sup>	I
								◆
		PRIMA		SECUNDA SERIE		TERTIA		SCRVP. LXXVII.
		num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		PART.
		Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Perpendiculum Hypotenusa 100,000 Basis		congrua Perpendiculo PERIPHERIA
								commo- Circu-
								gruus. nusa con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- grua.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		load- dati  RESIDVA Basi congrua
		Perpendiculum	Basis	Perpendiculum	Hypotenusa	Basis	Hypotenusa	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
		PART. XIII.		SERIE SECUNDA		TERTIA		
SCRVP.		PRIMA						
◆		22,495	97,437 0	23,087	102,630 4	433,147	444,541	LX
I		22,523	97,430 5	23,117	102,637 3	432,573	443,982	LIX
II		22,552	97,423 9	23,148	102,644 2	432,001	443,424	LVIII
III		22,580	97,417 3	23,179	102,651 1	431,430	442,868	LVII
IIII		22,608	97,410 8	23,209	102,658 0	430,860	442,312	LVI
V		22,637	97,404 2	23,240	102,664 9	430,291	441,759	LV
VI		22,665	97,397 6	23,271	102,671 9	429,724	441,207	LIIII
VII		22,693	97,391 0	23,301	102,678 8	429,159	440,656	LIII
VIII		22,722	97,384 4	23,332	102,686 8	428,595	440,107	LII
IX		22,750	97,377 8	23,363	102,692 8	428,032	439,559	LI
X		22,778	97,371 2	23,393	102,699 8	427,471	439,012	L
XI		22,807	97,364 5	23,424	102,706 8	426,911	438,467	XLIX
XII		22,835	97,357 9	23,455	102,713 8	426,352	437,923	XLVIII
XIII		22,863	97,351 2	23,485	102,720 8	425,795	437,381	XLVII
XIIII		22,892	97,344 6	23,516	102,727 8	425,239	436,839	XLVI
XV		22,920	97,337 9	23,547	102,734 8	424,685	436,300	XLV
XVI		22,948	97,331 3	23,578	102,741 9	424,132	435,761	XLIIII
XVII		22,977	97,324 6	23,608	102,748 9	423,580	435,224	XLIII
XVIII		23,005	97,317 9	23,639	102,756 0	423,030	434,689	XLII
XIX		23,033	97,311 2	23,670	102,763 1	422,481	434,155	XXLI
XX		23,062	97,304 5	23,700	102,770 2	421,933	433,622	XL
XXI		23,090	97,297 8	23,731	102,777 3	421,387	433,090	XXXIX
XXII		23,118	97,291 1	23,761	102,784 4	420,842	432,560	XXXVIII
XXIII		23,146	97,284 3	23,792	102,791 5	420,298	432,031	XXXVII
XXIIII		23,175	97,277 6	23,823	102,798 6	419,756	431,503	XXXVI
XXV		23,203	97,270 9	23,854	102,805 7	419,215	430,977	XXXV
XXVI		23,231	97,264 1	23,885	102,812 0	418,675	430,452	XXXIIII
XXVII		23,260	97,257 3	23,916	102,820 9	418,137	429,929	XXXIII
XXVIII		23,288	97,250 6	23,946	102,827 2	417,600	429,406	XXXII
XXIX		23,317	97,243 8	23,977	102,834 3	417,064	428,886	XXXI
XXX		23,345	97,237 0	24,008	102,841 5	416,530	428,366	XXX

congrua Basi RESIDVA  dati lo ad-	PRIMA		SECUNDA SERIE		TERTIA		SCRVP. LXXVI.	
	num		Fæcundissimòque		Fæcundissimòque		PART.	
	E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua Perpendiculo PERIPHERIA	
	Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	commo- Circu-	
	100,000	Hypotenusa	100,000	Perpendiculum	100,000	Basis	gruus. nusa con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans	

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus,	Circu- commo- PERIPHERIA Perpendiculo congrua PART. XIII. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		Jo ad- dati RESIDVA Basi congrua	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque SERIE SECUNDA		E CANONE FÆCVNDO Fæcundissimoque TERTIA			
		PRIMA							
XXX	23,345	97,237 0	24,008	102,841 5	416,530	428,366	XXX		
XXXI	23,373	97,230 2	24,039	102,848 7	415,997	427,848	XXIX		
XXXII	23,401	97,223 4	24,069	102,855 9	415,465	427,331	XXVIII		
XXXIII	23,429	97,216 6	24,100	102,863 1	414,934	426,815	XXVII		
XXXIII	23,458	97,209 8	24,131	102,870 3	414,405	426,300	XXVI		
XXXV	23,486	97,202 9	24,162	102,877 5	413,877	425,787	XXV		
XXXVI	23,514	97,196 1	24,193	102,884 8	413,350	425,275	XXIIII		
XXXVII	23,542	97,189 3	24,223	102,892 1	412,825	424,765	XXIII		
XXXVIII	23,571	97,182 4	24,254	102,899 4	412,301	424,256	XXII		
XXXIX	23,599	97,175 6	24,285	102,906 6	411,778	423,748	XXI		
XL	23,627	97,168 7	24,316	102,913 8	411,256	423,241	XX		
XLI	23,656	97,161 8	24,347	102,921 1	410,736	422,735	XIX		
XLII	23,684	97,154 9	24,377	102,928 4	410,217	422,230	XVIII		
XLIII	23,712	97,148 0	24,408	102,935 7	409,699	421,727	XVII		
XLIII	23,740	97,141 1	24,439	102,943 0	409,182	421,225	XVI		
XLV	23,769	97,134 2	24,470	102,950 3	408,667	420,724	XV		
XLVI	23,797	97,127 3	24,501	102,957 7	408,153	420,225	XIIII		
XLVII	23,825	97,120 4	24,532	102,965 0	407,640	419,727	XIII		
XLVIII	23,853	97,113 4	24,562	102,972 4	407,128	419,230	XII		
XLIX	23,882	97,106 5	24,593	102,979 7	406,617	418,732	XI		
L	23,910	97,099 5	24,624	102,987 1	406,108	418,239	X		
LI	23,938	97,092 6	24,655	102,994 5	405,600	417,745	IX		
LII	23,966	97,085 6	24,686	103,001 9	405,093	417,252	VIII		
LIII	23,994	97,078 6	24,717	103,009 3	404,587	416,761	VII		
LIII	24,023	97,071 7	24,747	103,016 7	404,082	416,271	VI		
LV	24,051	97,064 7	24,778	103,024 1	403,578	415,782	V		
LVI	24,079	97,057 7	24,809	103,031 6	403,076	415,294	IIII		
LVII	24,107	97,050 7	24,840	103,039 0	402,575	414,808	III		
LVIII	24,136	97,043 6	24,871	103,046 4	402,075	414,323	II		
LIX	24,164	97,036 6	24,902	103,053 9	401,576	413,840	I		
LX	24,192	97,029 6	24,933	103,061 4	401,078	413,357	◆		
		PRIMA		SECUNDA SERIE		TERTIA		SCRVP.	
		num		Fæcundissimoque		Fæcundissimoque		LXXVI.	
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.	
		Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		congrua Perpendiculo PERIPHERIA commo- Circu-	
		100,000		100,000		100,000			
		Hypotenusa		Perpendiculum		Basis			
		PRIMA		SECUNDA SERIE		TERTIA			



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus,

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XIII.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-  
num

PRIME

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FACVND  
Facundissimoque

SERIE

SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FACVND  
Facundissimoque

TERTIA

lo ad-  
dati

RESIDVA  
Basi  
congrua

	24,192	97,029	6	24,933	103,061	4	401,078	413,357	LX
I	24,220	97,022	5	24,964	103,068	8	400,581	412,875	LIX
II	24,249	97,015	5	24,995	103,076	3	400,086	412,394	LVIII
III	24,277	97,008	4	25,026	103,083	8	399,592	411,915	LVII
IIII	24,305	97,001	4	25,056	103,091	3	399,099	411,437	LVI
V	24,333	96,994	3	25,087	103,098	8	398,607	410,960	LV
VI	24,361	96,987	2	25,118	103,106	4	398,117	410,484	LIII
VII	24,390	96,980	1	25,149	103,113	9	397,627	410,009	LI
VIII	24,418	96,973	0	25,180	103,121	5	397,139	409,535	LII
IX	24,446	96,965	9	25,211	103,129	0	396,651	409,063	LI
X	24,474	96,958	8	25,242	103,136	6	396,165	408,591	L
XI	24,503	96,951	7	25,272	103,144	2	395,680	408,121	XLIX
XII	24,530	96,944	5	25,303	103,151	8	395,196	407,652	XLVIII
XIII	24,559	96,937	4	25,334	103,159	4	394,713	407,184	XLVII
XIIII	24,587	96,930	3	25,365	103,167	0	394,232	406,717	XLVI
XV	24,615	96,923	1	25,396	103,174	6	393,751	406,251	XLV
XVI	24,644	96,915	9	25,428	103,182	2	393,271	405,786	XLIIII
XVII	24,672	96,908	8	25,459	103,189	8	392,793	405,323	XLIII
XVIII	24,700	96,901	6	25,490	103,197	5	392,316	404,860	XLII
XIX	24,728	96,894	4	25,521	103,205	1	391,839	404,399	XLI
XX	24,756	96,887	2	25,552	103,212	8	391,364	403,938	XL
XXI	24,784	96,880	0	25,583	103,220	5	390,890	403,479	XXXIX
XXII	24,813	96,872	8	25,614	103,228	2	390,417	403,020	XXXVIII
XXIII	24,841	96,865	6	25,645	103,235	9	389,945	402,563	XXXVII
XXIIII	24,869	96,858	3	25,676	103,243	6	389,474	402,107	XXXVI
XXV	24,897	96,851	1	25,707	103,251	3	389,004	401,652	XXXV
XXVI	24,925	96,843	8	25,738	103,259	0	388,536	401,198	XXXIIII
XXVII	24,954	96,836	6	25,769	103,266	7	388,068	400,745	XXXIII
XXVIII	24,982	96,829	3	25,800	103,274	5	387,601	400,293	XXXII
XXIX	25,010	96,822	0	25,831	103,282	2	387,136	399,843	XXXI
XXX	25,038	96,814	8	25,862	103,290	0	386,671	399,393	XXX

PRIME

SECUNDA  
SERIE

TERTIA

SCRVP.

LXXV.

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

Facundissimoque  
E CANONE FACVND

Basis Hypotenusa  
100,000  
Perpendiculum

Facundissimoque  
E CANONE FACVND

Perpendiculum Hypotenusa  
100,000  
Basis

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA. Perpendiculo congrua PART. XIIII. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimôque SERIE		E CANONE FÆCVNDO Fæcundissimôque		
		PRIMA		SECUNDA		TERTIA		
XXX	25,038	96,814 8	25,862	103,290 0	386,671	399,393	XXX	
XXXI	25,066	96,807 5	25,893	103,297 8	386,208	398,944	XXIX	
XXXII	25,094	96,800 2	25,924	103,305 6	385,745	398,496	XXVIII	
XXXIII	25,122	96,792 9	25,955	103,313 4	385,284	398,050	XXVII	
XXXIIII	25,151	96,785 6	25,986	103,321 2	384,823	397,604	XXVI	
XXXV	25,179	96,778 2	26,017	103,329 0	384,364	397,160	XXV	
XXXVI	25,207	96,770 9	26,048	103,336 8	383,906	396,716	XXIIII	
XXXVII	25,235	96,763 6	26,079	103,344 6	383,449	396,274	XXIII	
XXXVIII	25,263	96,756 2	26,110	103,352 5	382,992	395,832	XXII	
XXXIX	25,291	96,748 9	26,141	103,360 3	382,537	395,392	XXI	
XL	25,320	96,741 5	26,172	103,368 2	382,083	394,952	XX	
XLI	25,348	96,734 2	26,203	103,376 1	381,630	394,514	XIX	
XLII	25,376	96,726 8	26,235	103,384 0	381,177	394,076	XVIII	
XLIII	25,404	96,719 4	26,266	103,391 9	380,726	393,640	XVII	
XLIIII	25,432	96,712 0	26,297	103,399 8	380,276	393,204	XVI	
XLV	25,460	96,704 6	26,328	103,407 7	379,827	392,770	XV	
XLVI	25,488	96,697 2	26,359	103,415 6	379,378	392,337	XIIII	
XLVII	25,516	96,689 8	26,390	103,423 5	378,931	391,905	XIII	
XLVIII	25,545	96,682 3	26,421	103,431 5	378,485	391,473	XII	
XLIX	25,573	96,674 9	26,452	103,439 4	378,039	391,042	XI	
L	25,601	96,667 5	26,483	103,447 4	377,595	390,612	X	
LI	25,629	96,660 0	26,515	103,455 4	377,152	390,184	IX	
LII	25,657	96,652 6	26,546	103,463 4	376,709	389,756	VIII	
LIII	25,685	96,645 1	26,577	103,471 4	376,268	389,330	VII	
LIIII	25,713	96,637 6	26,608	103,479 4	375,828	388,904	VI	
LV	25,741	96,630 1	26,639	103,487 4	375,388	388,480	V	
LVI	25,769	96,622 6	26,670	103,495 4	374,950	388,056	IIII	
LVII	25,798	96,615 1	26,701	103,503 5	374,512	387,633	III	
LVIII	25,826	96,607 6	26,733	103,511 5	374,076	387,211	II	
LIX	25,854	96,600 1	26,764	103,519 5	373,640	386,790	I	
LX	25,882	96,592 6	26,795	103,527 6	373,205	386,370	◆	
		PRIMA		SECUNDA		TERTIA		SCRVP.
		num		Fæcundissimôque		Fæcundissimôque		LXXV.
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.
congrua Basi RESIDVA	dati lo ad-	Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		congrua Perpendiculo PERIPHERIA commo- Circu-
		100,000		100,000		100,000		
		Hypotenusa		Perpendiculum		Basis		
		TRIANGVLI PLANI RECTANGVLI		TRIANGVLI PLANI RECTANGVLI		TRIANGVLI PLANI RECTANGVLI		



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendicularis congrua	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FACVNDV Facundissimoque		E CANONE FACVNDV Facundissimoque		
		PRIMA		SERIE SECUNDA		TERTIA		
		PART. XV. SCRVP.						
		25,882	96,592 6	26,795	103,527 6	373,205	386,370	LX
I		25,910 <sup>28</sup>	96,585 <sup>7</sup> 0	26,826 <sup>31</sup>	103,535 <sup>8</sup> 7	372,771 <sup>434</sup>	385,951 <sup>419</sup>	LIX
II		25,938 <sup>28</sup>	96,577 <sup>7</sup> 5	26,857 <sup>31</sup>	103,543 <sup>8</sup> 8	372,339 <sup>431</sup>	385,533 <sup>418</sup>	LVIII
III		25,966 <sup>28</sup>	96,570 <sup>7</sup> 0	26,888 <sup>31</sup>	103,551 <sup>8</sup> 9	371,907 <sup>432</sup>	385,116 <sup>417</sup>	LVII
IIII		25,994 <sup>28</sup>	96,562 <sup>7</sup> 4	26,920 <sup>32</sup>	103,560 <sup>8</sup> 0	371,476 <sup>431</sup>	384,700 <sup>416</sup>	LVI
V		26,022 <sup>28</sup>	96,554 <sup>7</sup> 8	26,951 <sup>31</sup>	103,568 <sup>8</sup> 1	371,046 <sup>430</sup>	384,285 <sup>415</sup>	LV
VI		26,050 <sup>28</sup>	96,547 <sup>7</sup> 3	26,982 <sup>31</sup>	103,576 <sup>8</sup> 2	370,617 <sup>429</sup>	383,871 <sup>414</sup>	LVIIII
VII		26,079 <sup>29</sup>	96,539 <sup>7</sup> 7	27,013 <sup>31</sup>	103,584 <sup>8</sup> 3	370,188 <sup>420</sup>	383,458 <sup>413</sup>	LVII
VIII		26,107 <sup>28</sup>	96,532 <sup>7</sup> 1	27,044 <sup>31</sup>	103,592 <sup>8</sup> 5	369,761 <sup>427</sup>	383,045 <sup>413</sup>	LII
IX		26,135 <sup>28</sup>	96,524 <sup>7</sup> 5	27,076 <sup>32</sup>	103,600 <sup>8</sup> 6	369,335 <sup>425</sup>	382,634 <sup>411</sup>	LI
X		26,163 <sup>28</sup>	96,516 <sup>7</sup> 9	27,107 <sup>31</sup>	103,608 <sup>8</sup> 8	368,909 <sup>426</sup>	382,223 <sup>411</sup>	L
XI		26,191 <sup>28</sup>	96,509 <sup>7</sup> 3	27,138 <sup>31</sup>	103,617 <sup>8</sup> 0	368,485 <sup>424</sup>	381,813 <sup>410</sup>	XLIX
XII		26,219 <sup>28</sup>	96,501 <sup>7</sup> 7	27,169 <sup>31</sup>	103,625 <sup>8</sup> 2	368,061 <sup>424</sup>	381,404 <sup>409</sup>	XLVIII
XIII		26,247 <sup>28</sup>	96,494 <sup>7</sup> 0	27,201 <sup>32</sup>	103,633 <sup>8</sup> 4	367,638 <sup>423</sup>	380,996 <sup>408</sup>	XLVII
XIIII		26,275 <sup>28</sup>	96,486 <sup>7</sup> 4	27,232 <sup>31</sup>	103,641 <sup>8</sup> 6	267,217 <sup>421</sup>	380,589 <sup>407</sup>	XLVI
XV		26,303 <sup>28</sup>	96,478 <sup>7</sup> 7	27,263 <sup>31</sup>	103,649 <sup>8</sup> 8	366,796 <sup>421</sup>	380,183 <sup>406</sup>	XLV
XVI		26,331 <sup>28</sup>	96,471 <sup>7</sup> 1	27,294 <sup>31</sup>	103,658 <sup>8</sup> 0	366,376 <sup>420</sup>	379,778 <sup>405</sup>	XLIIII
XVII		26,359 <sup>28</sup>	96,463 <sup>7</sup> 4	27,326 <sup>32</sup>	103,666 <sup>8</sup> 2	365,957 <sup>419</sup>	379,374 <sup>404</sup>	XLIII
XVIII		26,387 <sup>28</sup>	96,455 <sup>7</sup> 8	27,357 <sup>31</sup>	103,674 <sup>8</sup> 5	365,578 <sup>418</sup>	378,970 <sup>404</sup>	XLII
XIX		26,415 <sup>28</sup>	96,448 <sup>7</sup> 1	27,388 <sup>31</sup>	103,682 <sup>8</sup> 7	365,121 <sup>417</sup>	378,568 <sup>402</sup>	XLI
XX		26,443 <sup>28</sup>	96,440 <sup>7</sup> 4	27,419 <sup>31</sup>	103,691 <sup>8</sup> 0	364,705 <sup>416</sup>	378,166 <sup>402</sup>	XL
XXI		26,471 <sup>28</sup>	96,432 <sup>7</sup> 7	27,451 <sup>32</sup>	103,699 <sup>8</sup> 3	364,289 <sup>416</sup>	377,765 <sup>401</sup>	XXXIX
XXII		26,500 <sup>29</sup>	96,425 <sup>7</sup> 0	27,482 <sup>31</sup>	103,707 <sup>8</sup> 6	363,874 <sup>415</sup>	377,365 <sup>400</sup>	XXXVIII
XXIII		26,528 <sup>28</sup>	96,417 <sup>7</sup> 3	27,513 <sup>31</sup>	103,715 <sup>8</sup> 9	363,461 <sup>413</sup>	376,966 <sup>399</sup>	XXXVII
XXIIII		26,556 <sup>28</sup>	96,409 <sup>7</sup> 6	27,545 <sup>32</sup>	103,724 <sup>8</sup> 2	363,048 <sup>412</sup>	376,568 <sup>398</sup>	XXXVI
XXV		26,584 <sup>28</sup>	96,401 <sup>7</sup> 8	27,576 <sup>31</sup>	103,732 <sup>8</sup> 5	362,636 <sup>412</sup>	376,171 <sup>397</sup>	XXXV
XXVI		26,612 <sup>28</sup>	96,394 <sup>7</sup> 1	27,607 <sup>31</sup>	103,740 <sup>8</sup> 8	362,225 <sup>411</sup>	375,775 <sup>396</sup>	XXXIIII
XXVII		26,640 <sup>28</sup>	96,386 <sup>7</sup> 3	27,639 <sup>32</sup>	103,749 <sup>8</sup> 1	361,814 <sup>409</sup>	375,380 <sup>395</sup>	XXXIII
XXVIII		26,668 <sup>28</sup>	96,378 <sup>7</sup> 6	27,670 <sup>31</sup>	103,757 <sup>8</sup> 4	361,405 <sup>409</sup>	374,985 <sup>395</sup>	XXXII
XXIX		26,696 <sup>28</sup>	96,370 <sup>7</sup> 8	27,701 <sup>31</sup>	103,765 <sup>8</sup> 8	360,996 <sup>409</sup>	374,591 <sup>394</sup>	XXXI
XXX		26,724 <sup>28</sup>	96,363 <sup>7</sup> 0	27,732 <sup>31</sup>	103,774 <sup>8</sup> 2	360,588 <sup>408</sup>	374,198 <sup>393</sup>	XXX
		PRIMA		SERIE SECUNDA		TERTIA		SCRVP.
		num E CANONE SI-		Facundissimoque E CANONE FACVNDV		Facundissimoque E CANONE FACVNDV		LXXIIII.
congrua Basi RESIDVA	lo ad-	Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		PART.
		100,000		100,000		100,000		congrua Perpendiculo PERIPHERIA
		Hypotenusa		Perpendiculum		Basis		commo- Circu-
TRIANGVLI PLANI RECTANGVLI								

gruus.  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nuse con- gruus.	Circu- commo- PERIPHERIA. Perpendiculo congrua PART. XV. SCRVP.	Hypotenusa 100, 000 Perpendiculum Basis		Basis 100, 000 Perpendiculum Hypotenusa		Perpendiculum 100, 000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua	
		E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque			
		PRIMA		SECUNDA		TERTIA			
XXX		26,724	96,363 0	27,732	103,774 2	360,588	374,198	XXX	
XXXI		26,752	96,355 3	27,764	103,782 6	360,182	373,806	XXIX	
XXXII		26,780	96,347 5	27,795	103,791 0	359,776	372,415	XXVIII	
XXXIII		26,808	96,339 7	27,826	103,799 4	359,370	373,025	XXVII	
XXXIV		26,836	96,331 9	27,858	103,807 8	358,966	372,635	XXVI	
XXXV		26,864	96,324 1	27,889	103,816 2	358,562	372,246	XXV	
XXXVI		26,892	96,316 3	27,921	103,824 6	358,160	371,858	XXIII	
XXXVII		26,920	96,308 4	27,952	103,833 0	357,758	371,471	XXII	
XXXVIII		26,948	96,300 6	27,983	103,841 5	357,357	371,085	XXI	
XXXIX		26,976	96,292 8	28,015	103,850 0	356,957	370,700	XX	
XL		27,004	96,284 9	28,046	103,858 5	356,557	370,315	XIX	
XLI		27,032	96,277 0	28,077	103,866 9	356,159	369,931	XVIII	
XLII		27,060	96,269 2	28,109	103,875 4	355,761	369,548	XVII	
XLIII		27,088	96,261 3	28,140	103,883 9	355,364	369,166	XVI	
XLIV		27,116	96,253 4	28,172	103,892 4	355,968	368,785	XV	
XLV		27,144	96,245 5	28,203	103,900 9	354,573	368,405	XIII	
XLVI		27,172	96,237 6	28,234	103,909 5	354,179	368,025	XII	
XLVII		27,200	96,229 7	28,265	103,918 0	353,785	367,647	XI	
XLVIII		27,228	99,221 8	28,297	103,926 6	353,392	367,269	X	
XLIX		27,256	96,213 9	28,328	103,935 1	353,000	366,892	IX	
L		27,284	96,206 9	28,359	103,943 7	352,609	366,515	VIII	
LI		27,312	96,198 0	28,391	103,952 3	352,219	366,140	VII	
LII		27,340	96,190 1	28,423	103,960 9	351,829	365,765	VI	
LIII		27,368	96,182 1	28,454	103,969 5	351,440	365,391	V	
LIIII		27,396	96,174 1	28,486	103,978 1	351,052	365,018	IIII	
LV		27,424	96,166 2	28,517	103,986 7	350,665	364,646	IIII	
LVI		27,452	96,158 2	28,549	103,995 3	350,279	364,274	IIII	
LVII		27,480	96,150 2	28,580	104,003 9	349,894	363,904	IIII	
LVIII		27,508	96,142 2	28,612	104,012 6	349,509	363,534	IIII	
LIX		27,536	96,134 2	28,643	104,021 2	349,125	363,165	IIII	
LX		27,564	96,126 2	28,675	104,029 9	348,742	362,796	IIII	
PRIMA		SECUNDA		TERTIA		SCRVP.		LXXIII.	
num		Fæcundissimòque		Fæcundissimòque		PART.			
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua			
Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		Perpendiculo			
100, 000		100, 000		100, 000		PERIPHERIA			
Hypotenusa		Perpendiculum		Basis		congrua			
lo ad-						Circu-			

TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo-	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dati
	PERIPHERIA Perpendicularo congrua	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		RESIDVA Basi congrua
	PART.	PRIMA		SERIE SECUNDA		TERTIA		
	XVI. SCRVP.							

	27,564	96,126 2	28,675	104,029 9	348,742	362,796	LX
I	27,592	96,118 2	28,706	104,038 6	348,359	362,428	LIX
II	27,620	96,110 1	28,737	104,047 3	347,977	362,061	LVIII
III	27,648	96,102 1	28,769	104,056 0	347,596	361,695	LVII
IIII	27,676	96,094 0	28,800	104,064 7	347,216	361,330	LVI
V	27,704	96,086 0	28,832	104,073 4	346,837	360,965	LV
VI	27,731	96,077 9	28,863	104,082 2	346,458	360,601	LIIV
VII	27,759	96,069 9	28,895	104,090 9	346,080	360,238	LIII
VIII	27,787	96,061 8	28,927	104,099 7	345,703	359,876	LII
IX	27,815	96,052 7	28,958	104,108 4	345,327	359,515	LI
X	27,843	96,045 6	28,990	104,117 2	344,951	359,154	L
XI	27,871	96,037 5	29,021	104,126 0	344,576	358,794	XLIX
XII	27,899	96,029 4	29,053	104,134 8	344,202	358,434	XLVIII
XIII	27,927	96,021 3	29,084	104,143 6	343,829	358,076	XLVII
XIIII	27,955	96,013 1	29,116	104,152 4	343,456	357,718	XLVI
XV	27,983	96,005 0	29,147	104,161 2	343,084	357,361	XLV
XVI	28,011	95,996 9	29,179	104,170 1	342,713	357,005	XLIV
XVII	28,039	95,988 7	29,210	104,178 9	342,343	356,650	XLIII
XVIII	28,067	95,980 5	29,242	104,187 8	341,973	356,295	XLII
XIX	28,095	95,972 4	29,274	104,196 6	341,604	355,941	XLI
XX	28,123	95,964 2	29,305	104,205 5	341,236	355,587	XL
XXI	28,150	95,956 0	29,337	104,214 4	340,869	355,235	XXXIX
XXII	28,178	95,947 8	29,368	104,223 3	340,502	354,883	XXXVIII
XXIII	28,206	95,939 6	29,400	104,232 2	340,136	354,532	XXXVII
XXIIII	28,234	95,931 4	29,432	104,241 2	339,771	354,181	XXXVI
XXV	28,262	95,923 2	29,464	104,250 1	339,406	353,831	XXXV
XXVI	28,290	95,914 9	29,495	104,259 0	339,042	353,482	XXXIIII
XXVII	28,318	95,906 7	29,526	104,267 9	338,679	353,134	XXXIII
XXVIII	28,346	95,898 5	29,558	104,276 9	338,317	352,787	XXXII
XXIX	28,374	95,890 2	29,590	104,285 9	337,955	352,440	XXXI
XXX	28,402	95,882 0	29,621	104,294 9	337,594	352,094	XXX

congrua Basi RESIDVA dati lo ad-	PRIMA num E CANONE SI-		SECUNDA SERIE Fæcundissimòque E CANONE FÆCVNDO		TERTIA Fæcundissimòque E CANONE FÆCVNDO		LXXIII. PART.
	Basis Perpendicularum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendicularum		Perpendicularum Hypotenusa 100,000 Basis		congrua Perpendicularo PERIPHERIA
							commo- Circu-
							gruus. nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nuse con- gruus.	Circu- commo-  PERIPHERIA Perpendiculo congrua  PART.  XVI.  SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati  RESIDVA Basi congrua	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque			
		PRIMA		SERIE SECUNDA		TERTIA			
XXX		28,402	95,882 0	29,621	104,294 9	337,594	352,094	XXX	
XXXI		28,429	95,874 7	29,653	104,303 9	337,234	351,749	XXIX	
XXXII		28,457	95,865 4	29,685	104,312 9	336,875	351,404	XXVIII	
XXXIII		28,485	95,857 2	29,716	104,321 9	336,516	352,060	XXVII	
XXXIII		28,513	95,848 9	29,748	104,330 9	336,158	350,716	XXVI	
XXXV		28,541	95,840 6	29,780	104,340 0	335,800	350,374	XXV	
XXXVI		28,569	95,832 3	29,811	104,349 0	335,443	350,032	XXIII	
XXXVII		28,597	95,824 0	29,843	104,358 0	335,087	349,691	XXII	
XXXVIII		28,625	95,815 6	29,875	104,367 1	334,732	349,350	XXI	
XXXIX		28,652	95,807 3	29,906	104,376 2	334,377	349,010	XX	
XL		28,680	95,799 0	29,938	104,385 3	334,023	348,671	XIX	
XLI		28,708	95,790 6	29,970	104,394 4	333,670	348,332	XVIII	
XLII		28,736	95,782 3	30,001	104,403 5	333,317	347,994	XVII	
XLIII		28,764	95,773 9	30,033	104,412 6	332,965	347,657	XVI	
XLIII		28,792	95,765 5	30,065	104,421 7	332,614	347,321	XV	
XLV		28,820	95,757 1	30,097	104,430 8	332,264	346,986	XIII	
XLVI		28,847	95,748 8	30,128	104,440 0	331,914	346,651	XII	
XLVII		28,875	95,740 4	30,160	104,449 1	331,564	346,317	XI	
XLVIII		28,903	95,732 0	30,192	104,458 3	331,216	345,983	X	
XLIX		28,931	95,723 6	30,224	104,467 5	330,868	345,650	IX	
L		28,959	95,715 1	30,255	104,476 7	330,521	345,318	VIII	
LI		28,987	95,706 7	30,287	104,485 9	330,174	344,986	VII	
LII		29,015	95,698 3	30,319	104,495 1	329,828	344,655	VI	
LIII		29,042	95,689 8	30,351	104,504 3	329,483	344,325	V	
LIII		29,070	95,681 4	30,382	104,513 5	329,138	343,995	III	
LV		29,098	95,672 9	30,414	104,522 8	328,794	343,666	II	
LVI		29,126	95,664 4	30,446	104,532 0	328,451	343,337	I	
LVII		29,154	95,656 0	30,478	104,541 3	328,108	343,009		
LVIII		29,182	95,647 5	30,510	104,550 6	327,766	342,682		
LIX		29,209	95,639 0	30,541	104,559 9	327,425	342,356		
LX		29,237	95,630 5	30,573	104,569 2	327,084	342,030		
		PRIMA		SECUNDA		TERTIA		SCRVP.	
		num		Fæcundissimòque		Fæcundissimòque		LXXIII:	
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.	
congrua Basi RESIDVA  dati load-		Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		congrua Perpendiculo PERIPHERIA  commo- Circu-	
		100,000		100,000		100,000			
		Hypotenusa		Perpendiculum		Basis			
TRIANGVLI PLANI RECTANGVLI									



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
grua,

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XVII.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-

num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SERIE

SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERCIA

load-  
dari

RESIDVA  
Basi  
congrua

	29,237	95,630 5	30,573	104,569 2	327,085	342,030	LX
I	29,265	95,622 0	30,605	104,578 5	326,745	341,705	LIX
II	29,293	95,613 5	30,637	104,587 8	326,406	341,381	LVIII
III	29,321	95,604 9	30,669	104,597 1	326,067	341,057	LVII
IIII	29,348	95,596 4	30,700	104,606 5	325,729	340,734	LVI
V	29,376	95,587 9	30,732	104,615 8	325,392	340,411	LV
VI	29,404	95,579 3	30,764	104,625 2	325,055	340,089	LIII
VII	29,432	95,570 7	30,796	104,634 5	324,719	339,767	LIII
VIII	29,460	95,562 2	30,828	104,643 9	324,383	339,447	LII
IX	29,487	95,553 6	30,860	104,653 3	324,048	339,127	LI
X	29,515	95,545 0	30,891	104,662 7	323,714	338,808	L
XI	29,543	95,536 4	30,923	104,672 1	323,381	338,489	XLIX
XII	29,571	95,527 8	30,955	104,681 5	323,048	338,171	XLVIII
XIII	29,599	95,519 2	30,987	104,690 9	322,715	337,854	XLVII
XIIII	29,626	95,510 6	31,019	104,700 4	322,383	337,537	XLVI
XV	29,654	95,502 0	31,051	104,709 8	322,052	337,221	XLV
XVI	29,682	95,493 4	31,083	104,719 3	321,722	336,905	XLIII
XVII	29,710	95,484 7	31,115	104,728 8	321,392	336,590	XLII
XVIII	29,737	95,476 1	31,147	104,738 3	321,063	336,276	XLI
XIX	29,765	95,467 4	31,178	104,747 8	320,734	335,962	XL
XX	29,793	95,458 8	31,210	104,757 3	320,406	335,649	XXXIX
XXI	29,821	95,450 1	31,242	104,766 8	320,079	335,336	XXXVIII
XXII	29,849	95,441 4	31,274	104,776 3	319,752	335,024	XXXVII
XXIII	29,876	95,432 7	31,306	104,785 8	319,426	334,712	XXXVI
XXIIII	29,904	95,424 0	31,338	104,795 4	319,100	334,402	XXXV
XXV	29,932	95,415 3	31,370	104,804 9	318,775	334,092	XXXIIII
XXVI	29,960	95,406 6	31,402	104,814 5	318,451	333,783	XXXIII
XXVII	29,987	95,397 9	31,434	104,824 1	318,127	333,474	XXXII
XXVIII	30,015	95,389 2	31,466	104,833 7	317,804	333,166	XXXI
XXIX	30,043	95,380 4	31,498	104,843 3	317,481	332,858	XXX
XXX	30,071	95,371 7	31,530	104,852 9	317,159	332,551	

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA

Fæcundissimoque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendiculum

TERCIA

Fæcundissimoque  
E CANONE FÆCVNDO

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LXXII.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- grua.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		load- dari
		Perpendiculum Basis		Perpendiculum Hypotenusa		Basis Hypotenusa		
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SECUNDA		TERTIA		
PART. XVII. SCRVP.								
XXX	30,071	95,371 7	31,530	104,852 9	317,159	332,551	XXX	
XXXI	30,098	95,362 9	31,562	104,862 5	316,838	332,245	XXIX	
XXXII	30,126	95,354 2	31,594	104,872 2	316,517	331,939	XXVIII	
XXXIII	30,154	95,345 4	31,626	104,881 8	316,197	331,633	XXVII	
XX XIII	30,182	95,336 6	31,658	104,891 5	315,877	331,328	XXVI	
XXXV	30,209	95,327 9	31,690	104,901 1	315,558	331,024	XXV	
XXXVI	30,237	95,319 1	31,722	104,910 8	315,240	330,721	XXIIII	
XXXVII	30,265	95,310 3	31,754	104,920 5	314,922	330,418	XXIII	
XXXVIII	30,292	95,301 5	31,786	104,930 2	314,605	330,115	XXII	
XXXIX	30,320	95,292 6	31,818	104,939 9	314,288	329,813	XXI	
XL	30,348	95,283 8	31,850	104,949 6	313,972	329,512	XX	
XLI	30,376	95,275 0	31,882	104,959 3	313,656	329,212	XIX	
XLII	30,403	95,266 2	31,914	104,969 1	313,341	328,912	XVIII	
XLIII	30,431	95,257 3	31,946	104,978 8	313,027	328,612	XVII	
XLIIII	30,459	95,248 4	31,978	104,988 6	312,713	328,313	XVI	
XLV	30,486	95,239 6	32,010	104,998 3	312,400	328,015	XV	
XLVI	30,514	95,230 7	32,042	105,008 1	312,087	327,717	XIIII	
XLVII	30,542	95,221 8	32,074	105,017 9	311,775	327,420	XIII	
XLVIII	30,570	95,212 9	32,106	105,027 7	311,464	327,123	XII	
XLIX	30,597	95,204 0	32,139	105,037 5	311,153	326,827	XI	
L	30,625	95,195 1	32,171	105,047 4	310,842	326,531	X	
LI	30,653	95,186 2	32,203	105,057 2	310,532	326,236	IX	
LII	30,680	95,177 3	32,235	105,067 0	310,223	325,942	VIII	
LIII	30,708	95,168 4	32,267	105,076 9	309,914	325,648	VII	
LIIII	30,736	95,159 4	32,299	105,086 8	309,606	325,355	VI	
LV	30,763	95,150 5	32,331	105,096 6	309,298	325,062	V	
LVI	30,791	95,141 6	32,363	105,106 5	308,991	324,770	IIII	
LVII	30,819	95,132 6	32,396	105,116 4	308,685	324,478	IIII	
LVIII	30,846	95,123 6	32,428	105,126 4	308,379	324,187	III	
LIX	30,874	95,114 6	32,460	105,136 3	308,073	323,897	II	
LX	30,902	95,105 7	32,492	105,146 2	307,768	323,607	I	
PRIMA		SECUNDA		TERTIA		SCRVP.		
num		Fæcundissimòque		Fæcundissimòque		LXXII.		
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.		
Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	congrua		
100,000		100,000		100,000		PERIPHERIA		
Hypotenusa		Perpendiculum		Basis		commo-		
						Circu-		
						grua.		
						nusa con-		
						Hypote-		
						lus rectus.		
						part. Angu-		
						circuli xc.		
						Quadrans		



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus,

Circu-  
commo-

PERIPH. ERIA  
Perpendiculo  
congrua

PART.  
XVIII.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FACVND  
Facundissimoque

SERIE  
SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FACVND  
Facundissimoque

TERTIA

lo ad-  
dati

RESIDVA  
Basi  
congrua

	30,902	95,105 7	32,492	105,146 2	307,768	323,607	LX
I	30,929	95,096 7	32,524	105,156 2	307,464	323,317	LIX
II	30,957	95,087 7	32,556	105,166 1	307,160	323,028	LVIII
III	30,985	95,078 6	32,588	105,176 1	306,857	322,740	LVII
IIII	31,012	95,069 6	32,621	105,186 1	306,554	322,452	LVI
V	31,040	95,060 6	32,653	105,196 1	306,252	322,165	LV
VI	31,068	95,051 6	32,685	105,206 1	305,950	321,878	LIIII
VII	31,095	95,042 5	32,717	105,216 1	305,649	321,592	LIII
VIII	31,123	95,033 5	32,749	105,226 1	305,349	321,306	LII
IX	31,151	95,024 4	32,782	105,236 1	305,049	321,021	LI
X	31,178	95,015 4	32,814	105,246 1	304,749	320,736	L
XI	31,206	95,006 3	32,846	105,256 2	304,450	320,452	XLIX
XII	31,233	94,997 2	32,878	105,266 3	304,152	320,169	XLVIII
XIII	31,261	94,988 1	32,911	105,276 4	303,854	319,886	XLVII
XIIII	31,289	94,979 0	32,943	105,286 4	303,556	319,604	XLVI
XV	31,316	94,969 9	32,975	105,296 5	303,259	319,322	XLV
XVI	31,344	94,960 8	33,007	105,306 6	302,963	319,040	XLIIII
XVII	31,372	94,951 7	33,040	105,316 7	302,667	318,759	XLIII
XVIII	31,399	94,942 6	33,072	105,326 9	302,372	318,479	XLII
XIX	31,427	94,933 5	33,104	105,337 0	302,077	318,199	XLI
XX	31,454	94,924 3	33,136	105,347 1	301,783	317,920	XL
XXI	31,482	94,915 1	33,169	105,357 3	301,489	317,641	XXXIX
XXII	31,510	94,906 0	33,201	105,367 5	301,196	317,363	XXXVIII
XXIII	31,537	94,896 8	33,233	105,377 7	300,903	317,085	XXXVII
XXIIII	31,565	94,887 6	33,266	105,387 9	300,611	316,808	XXXVI
XXV	31,593	94,878 4	33,298	105,398 1	300,319	316,531	XXXV
XXVI	31,620	94,869 2	33,330	105,408 3	300,028	316,255	XXXIIII
XXVII	31,648	94,860 0	33,363	105,418 5	299,737	315,979	XXXIII
XXVIII	31,675	94,850 8	33,395	105,428 7	299,447	315,703	XXXII
XXIX	31,703	94,841 6	33,427	105,438 9	299,157	315,428	XXXI
XXX	31,730	94,832 4	33,460	105,449 2	298,868	315,154	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA

SERIE  
Facundissimoque  
E CANONE FACVND

Basis Hypotenusa  
100,000  
Perpendiculum

TERTIA

Facundissimoque  
E CANONE FACVND

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LXXI.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Circu- commo- PERIPHERIA. Perpendiculo congrua PART. XVIII. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dari RESIDVA Basi congrua
	E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		
	PRIMA		SECUNDA		TERTIA		
XXX	31,730	94,832 4	33,460	105,449 2	298,868	315,154	XXX
XXXI	31,758	94,823 1	33,492	105,459 5	298,580	314,880	XXIX
XXXII	31,786	94,813 9	33,524	105,469 8	298,292	314,607	XXVIII
XXXIII	31,813	94,804 7	33,557	105,480 1	298,004	314,334	XXVII
XXXIII	31,841	94,795 4	33,589	105,490 4	297,717	314,062	XXVI
XXXV	31,868	94,786 1	33,621	105,500 7	297,430	313,790	XXV
XXXVI	31,896	94,776 9	33,646	105,511 0	297,144	313,519	XXIII
XXXVII	31,924	94,767 6	33,686	105,521 3	296,858	313,248	XXII
XXXVIII	31,951	94,758 3	33,719	105,531 7	296,573	312,978	XXI
XXXIX	31,979	94,749 0	33,751	105,542 0	296,288	312,708	XX
XL	32,006	94,739 7	33,783	105,552 4	296,004	312,439	XIX
XLI	32,034	94,730 4	33,816	105,562 8	295,720	312,170	XVIII
XLII	32,061	94,721 0	33,848	105,573 2	295,437	311,902	XVII
XLIII	32,089	94,711 7	33,881	105,583 6	295,154	311,634	XVI
XLIII	32,116	94,702 4	33,913	105,594 0	294,872	311,367	XV
XLV	32,144	94,693 0	33,945	105,604 5	294,590	311,100	XIII
XLVI	32,172	94,683 7	33,978	105,615 0	294,309	310,834	XII
XLVII	32,199	94,674 3	34,010	105,625 4	294,028	310,568	XI
XLVIII	32,227	94,664 9	34,043	105,635 8	293,748	310,303	X
XLIX	32,254	94,655 6	34,075	105,646 2	293,468	310,138	IX
L	32,282	94,646 2	34,108	105,656 7	293,189	309,774	VIII
LI	32,309	94,636 8	34,140	105,667 2	292,910	309,610	VII
LII	32,337	94,627 4	34,173	105,677 7	292,631	309,246	VI
LIII	32,364	94,618 0	34,205	105,688 2	292,353	309,083	V
LIII	32,392	94,608 5	34,238	105,698 7	292,076	308,721	III
LV	32,419	94,599 1	34,270	105,709 2	291,799	308,459	II
LVI	32,447	94,589 7	34,303	105,719 8	291,522	308,197	I
LVII	32,474	94,580 2	34,335	105,730 3	291,246	307,936	
LVIII	32,502	94,570 8	34,368	105,740 9	290,971	307,675	
LIX	32,529	94,561 3	34,400	105,751 5	290,696	307,415	
LX	32,557	94,551 9	34,433	105,762 1	290,421	307,155	
SCRVP.							
congrua Basi RESIDVA PART. LXXI. SCRVP.	PRIMA		SECUNDA		TERTIA		
	nuum E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		
	Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Perpendiculum Hypotenusa 100,000 Basis		
congrua Basi RESIDVA							graus. nuse con- Hypote- lus rectus, part. Angi circuli xc. Quadrang
dati load-							Circu-

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo-  PERIPHERIA Perpendiculo congruus.	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		lo ad- dati  RESIDVA Basi congrua
		Perpendiculum Basis		Perpendiculum Hypotenusa		Basis Hypotenusa		
		E CANONE SI- num		E CANONE FACVNDV Facundissimoque		E CANONE FACVNDV Facundissimoque		
		PART. XIX. SCRVP.		SERIE SECYNDV		TERTIV		

		32,557	94,551 9	34,433	105,762 1	290,421	307,155	LX
I		32,584	94,542 4	34,465	105,772 7	290,147	306,896	LIX
II		32,612	94,532 9	34,498	105,783 3	289,873	306,637	LVIII
III		32,639	94,523 4	34,530	105,793 9	289,600	306,379	LVII
IIII		32,667	94,513 9	34,563	105,804 6	289,327	306,121	LVI
V		32,694	94,504 4	34,596	105,815 2	289,055	305,864	LV
VI		32,722	94,494 9	34,628	105,825 8	288,783	305,607	LIII
VII		32,749	94,485 4	34,661	105,836 5	288,511	305,350	LI
VIII		32,777	94,475 9	34,693	105,847 2	288,240	305,094	LII
IX		32,804	94,466 3	34,726	105,857 9	287,970	304,839	LI
X		32,832	94,456 8	34,758	105,868 6	287,700	304,584	L
XI		32,859	94,447 2	34,791	105,879 3	287,430	304,329	XLIX
XII		32,887	94,437 6	34,824	105,890 0	287,161	304,075	XLVIII
XIII		32,914	94,428 1	34,856	105,900 7	286,892	303,821	XLVII
XIIII		32,942	94,418 5	34,889	105,911 5	286,624	303,568	XLVI
XV		32,970	94,408 9	34,922	105,922 2	286,356	303,315	XLV
XVI		32,997	94,399 3	34,954	105,933 0	286,089	303,062	XLIII
XVII		33,024	94,388 7	34,987	105,943 7	285,822	302,810	XLII
XVIII		33,051	94,380 1	35,019	105,954 5	285,555	302,559	XL
XIX		33,079	94,370 5	35,052	105,965 3	285,289	302,308	XXXIX
XX		33,106	94,360 9	35,085	105,976 1	285,023	302,057	XXXVIII
XXI		33,134	94,351 2	35,117	105,986 9	284,758	301,807	XXXVII
XXII		33,161	94,341 6	35,150	105,997 8	284,493	301,557	XXXVI
XXIII		33,189	94,331 9	35,183	106,008 6	284,229	301,308	XXXV
XXIIII		33,216	94,322 3	35,216	106,019 5	283,965	301,059	XXXIII
XXV		33,244	94,123 6	35,248	106,030 4	283,792	300,810	XXXII
XXVI		33,271	94,302 9	35,281	106,041 3	283,439	300,562	XXXI
XXVII		33,298	94,293 3	35,314	106,052 2	283,176	300,314	XXX
XXVIII		33,326	94,283 6	35,346	106,063 0	282,914	300,067	
XXIX		33,353	94,273 9	32,379	106,073 9	282,652	299,820	
XXX		33,381	94,264 2	35,412	106,084 8	282,391	299,574	

congrua Basi RESIDVA  dati lo ad-	PRIMA	SECUNDA	TERTIA	SCRVP.
	num	SERIE		LXX.
	E CANONE SI-	Fecundissimoque E CANONE FECVNDV	Fecundissimoque E CANONE FECVNDV	PART.
	Basis Perpendiculum 100, 000 Hypotenusa	Basis Hypotenusa 100, 000 Perpendiculum	Perpendiculum Hypotenusa 100, 000 Basis	congrua Perpendiculo PERIPHERIA  commo- Circu-

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypothetu- sa congrua.	Circu- commo- PERIPHERIA Perpendicularo congrua PART. XIX. SCRVP.	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque TERTIA		
		PRIMA		SECUNDA				
XXX		33,381 <sup>27</sup>	94,264 <sup>98</sup> 2	35,412 <sup>33</sup>	106,084 <sup>110</sup> 8	282,391 <sup>261</sup>	299,574 <sup>246</sup>	XXX
XXXI		33,408 <sup>28</sup>	94,254 <sup>97</sup> 4	35,445 <sup>32</sup>	106,095 <sup>110</sup> 8	282,130 <sup>260</sup>	299,328 <sup>245</sup>	XXIX
XXXII		33,436 <sup>27</sup>	94,244 <sup>97</sup> 7	35,477 <sup>33</sup>	106,106 <sup>109</sup> 8	281,870 <sup>260</sup>	299,083 <sup>245</sup>	XXVIII
XXXIII		33,463 <sup>27</sup>	94,235 <sup>97</sup> 0	35,510 <sup>33</sup>	106,117 <sup>110</sup> 7	281,610 <sup>260</sup>	298,838 <sup>245</sup>	XXVII
XXXIII		33,490 <sup>28</sup>	94,225 <sup>98</sup> 3	35,543 <sup>33</sup>	106,128 <sup>110</sup> 7	281,350 <sup>259</sup>	298,593 <sup>244</sup>	XXVI
XXXV		33,518 <sup>27</sup>	94,215 <sup>97</sup> 5	35,576 <sup>32</sup>	106,139 <sup>109</sup> 7	281,091 <sup>259</sup>	298,349 <sup>244</sup>	XXV
XXXVI		33,545 <sup>28</sup>	94,205 <sup>98</sup> 8	35,608 <sup>33</sup>	106,150 <sup>100</sup> 6	280,832 <sup>258</sup>	298,105 <sup>243</sup>	XXIII
XXXVII		33,573 <sup>27</sup>	94,196 <sup>98</sup> 0	35,641 <sup>33</sup>	106,161 <sup>110</sup> 6	280,574 <sup>258</sup>	297,862 <sup>243</sup>	XXII
XXXVIII		33,600 <sup>27</sup>	94,186 <sup>98</sup> 2	35,674 <sup>33</sup>	106,172 <sup>110</sup> 6	280,316 <sup>257</sup>	297,619 <sup>242</sup>	XXI
XXXIX		33,627 <sup>28</sup>	94,176 <sup>97</sup> 4	35,707 <sup>33</sup>	106,183 <sup>111</sup> 6	280,059 <sup>257</sup>	297,377 <sup>242</sup>	XX
XL		33,655 <sup>27</sup>	94,166 <sup>98</sup> 7	35,740 <sup>32</sup>	106,194 <sup>111</sup> 7	279,802 <sup>257</sup>	297,135 <sup>242</sup>	XIX
XLI		33,682 <sup>28</sup>	94,156 <sup>98</sup> 9	35,772 <sup>33</sup>	106,205 <sup>111</sup> 7	279,545 <sup>256</sup>	296,893 <sup>241</sup>	XVIII
XLII		33,710 <sup>27</sup>	94,147 <sup>99</sup> 1	35,805 <sup>33</sup>	106,216 <sup>111</sup> 8	279,289 <sup>256</sup>	296,652 <sup>241</sup>	XVII
XLIII		33,737 <sup>27</sup>	94,137 <sup>98</sup> 2	35,838 <sup>33</sup>	106,227 <sup>111</sup> 9	279,033 <sup>255</sup>	296,411 <sup>240</sup>	XVI
XLIII		33,764 <sup>28</sup>	94,127 <sup>98</sup> 4	35,871 <sup>33</sup>	106,239 <sup>111</sup> 0	278,778 <sup>255</sup>	296,171 <sup>240</sup>	XV
XLV		33,792 <sup>27</sup>	94,117 <sup>98</sup> 6	35,904 <sup>32</sup>	106,250 <sup>111</sup> 1	278,523 <sup>254</sup>	295,931 <sup>239</sup>	XIII
XLVI		33,819 <sup>28</sup>	94,107 <sup>99</sup> 8	35,937 <sup>33</sup>	106,261 <sup>111</sup> 2	278,269 <sup>254</sup>	295,691 <sup>239</sup>	XII
XLVII		33,846 <sup>27</sup>	94,097 <sup>99</sup> 9	35,969 <sup>33</sup>	106,272 <sup>111</sup> 3	278,015 <sup>253</sup>	295,452 <sup>238</sup>	XI
XLVIII		33,874 <sup>28</sup>	94,088 <sup>99</sup> 1	36,002 <sup>33</sup>	106,283 <sup>111</sup> 4	277,761 <sup>253</sup>	295,213 <sup>238</sup>	X
XLIX		33,901 <sup>27</sup>	94,078 <sup>99</sup> 2	36,035 <sup>33</sup>	106,294 <sup>111</sup> 5	277,508 <sup>253</sup>	294,975 <sup>238</sup>	IX
L		33,929 <sup>28</sup>	94,068 <sup>99</sup> 4	36,068 <sup>33</sup>	106,305 <sup>111</sup> 7	277,255 <sup>253</sup>	294,737 <sup>238</sup>	VIII
LI		33,956 <sup>27</sup>	94,058 <sup>99</sup> 5	36,101 <sup>33</sup>	106,316 <sup>111</sup> 8	277,002 <sup>253</sup>	294,499 <sup>237</sup>	VII
LII		33,983 <sup>28</sup>	94,048 <sup>99</sup> 6	36,134 <sup>33</sup>	106,328 <sup>111</sup> 0	276,750 <sup>252</sup>	294,262 <sup>237</sup>	VI
LIII		34,011 <sup>27</sup>	94,038 <sup>99</sup> 7	36,167 <sup>33</sup>	106,339 <sup>111</sup> 2	276,498 <sup>252</sup>	294,025 <sup>237</sup>	V
LIII		34,038 <sup>28</sup>	94,028 <sup>99</sup> 8	36,199 <sup>32</sup>	106,350 <sup>111</sup> 4	276,247 <sup>251</sup>	293,789 <sup>236</sup>	III
LV		34,065 <sup>27</sup>	94,018 <sup>99</sup> 9	36,232 <sup>33</sup>	106,361 <sup>111</sup> 6	275,996 <sup>251</sup>	293,553 <sup>236</sup>	II
LVI		34,093 <sup>28</sup>	94,009 <sup>99</sup> 0	36,265 <sup>32</sup>	106,372 <sup>111</sup> 8	275,746 <sup>250</sup>	293,317 <sup>235</sup>	I
LVII		34,120 <sup>27</sup>	93,999 <sup>99</sup> 1	36,298 <sup>33</sup>	106,384 <sup>111</sup> 0	275,496 <sup>250</sup>	293,082 <sup>235</sup>	
LVIII		34,148 <sup>28</sup>	93,989 <sup>99</sup> 2	36,331 <sup>33</sup>	106,395 <sup>111</sup> 3	275,246 <sup>250</sup>	292,847 <sup>235</sup>	
LIX		34,175 <sup>27</sup>	93,979 <sup>100</sup> 2	36,364 <sup>33</sup>	106,406 <sup>111</sup> 5	274,997 <sup>249</sup>	292,613 <sup>234</sup>	
LX		34,202 <sup>28</sup>	93,969 <sup>99</sup> 3	36,397 <sup>33</sup>	106,417 <sup>111</sup> 8	274,748 <sup>249</sup>	292,379 <sup>234</sup>	
		PRIMA		SECUNDA SERIE		TERTIA		SCRVP. LXX.
		num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		PART.
		Basis Perpendicularum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendicularum		Perpendicularum Hypotenusa 100,000 Basis		congrua Perpendicularo PERIPHERIA
								commo- Circu-
								gruus. nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans

TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nuse con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100, 000 Perpendiculum Basis		Basis 100, 000 Perpendiculum Hypotenusa		Perpendicularum 100, 000 Basis Hypotenusa		load- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimóque		E CANONE FÆCVNDO Fæcundissimóque		
		PRIMA		SERIE SECUNDA		TERTIA		
		PART. XX.						
		SCRVP.						
◆		34, 202	93, 969 3	36, 397	106, 417 8	274, 748	292, 379	LX
I		34, 229	93, 959 3	36, 430	106, 429 1	274, 499	292, 146	LIX
II		34, 257	93, 949 4	36, 463	106, 440 4	274, 251	291, 913	LVIII
III		34, 284	93, 939 4	36, 496	106, 451 7	274, 003	291, 681	LVII
IIII		34, 311	93, 929 4	36, 529	106, 463 0	273, 756	291, 449	LVI
V		34, 339	93, 919 4	36, 562	106, 474 4	273, 509	291, 217	LV
VI		34, 366	93, 909 4	36, 595	106, 485 6	273, 263	290, 985	LIIII
VII		34, 393	93, 899 4	36, 628	106, 496 9	273, 017	290, 754	LIII
VIII		34, 421	93, 889 4	36, 661	106, 508 3	272, 771	290, 523	LII
IX		34, 448	93, 879 4	36, 694	106, 519 6	272, 526	290, 293	LI
X		34, 475	93, 869 4	36, 727	106, 531 0	272, 281	290, 063	L
XI		34, 503	93, 859 3	36, 760	106, 542 4	272, 036	289, 834	XLIX
XII		34, 530	93, 849 3	36, 793	106, 553 8	271, 792	289, 605	XLVIII
XIII		34, 557	93, 839 3	36, 826	106, 565 2	271, 548	289, 376	XLVII
XIIII		34, 584	93, 829 2	36, 859	106, 576 6	271, 305	289, 147	XLVI
XV		34, 612	93, 819 1	36, 892	106, 588 0	271, 062	288, 919	XLV
XVI		34, 639	93, 809 1	36, 925	106, 599 5	270, 819	288, 692	XLIIII
XVII		34, 666	93, 799 0	36, 958	106, 610 9	270, 577	288, 465	XLIII
XVIII		34, 694	93, 788 9	36, 991	106, 622 4	270, 335	288, 238	XLII
XIX		34, 721	93, 778 8	37, 024	106, 633 9	270, 094	288, 011	XLI
XX		34, 748	93, 768 7	37, 057	106, 645 4	269, 853	287, 785	XL
XXI		34, 775	93, 758 6	37, 090	106, 656 9	269, 612	287, 559	XXXIX
XXII		34, 803	93, 748 5	37, 123	106, 668 4	269, 371	287, 334	XXXVIII
XXIII		34, 830	93, 738 3	37, 157	106, 680 0	269, 131	287, 109	XXXVII
XXIIII		34, 857	93, 728 2	37, 190	106, 691 5	268, 892	286, 885	XXXVI
XXV		34, 884	93, 718 1	37, 223	106, 703 1	268, 653	286, 661	XXXV
XXVI		34, 912	93, 707 9	37, 256	106, 714 6	268, 414	286, 437	XXXIIII
XXVII		34, 939	93, 697 8	37, 289	106, 726 2	268, 165	286, 213	XXXIII
XXVIII		34, 966	93, 687 6	37, 322	106, 737 8	267, 937	285, 990	XXXII
XXIX		34, 993	93, 677 4	37, 355	106, 749 4	267, 699	285, 767	XXXI
XXX		35, 021	93, 667 2	37, 388	106, 761 0	267, 462	285, 545	XXX

		PRIMA		SECUNDA SERIE		TERTIA		SCRVP.	
		num		Fæcundissimòque		Fæcundissimòque		LXIX.	
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.	
congrua Basi RESIDVA		Basis Perpendiculum		Basis Hypotenusa		Hypotenusa Perpendiculum		congrua Perpendiculo PERIPHERIA	
		100,000		100,000		100,000		commo- Circu-	
dari load-		Hypotenusa		Perpendiculum		Basis		gruus nusa con- Hypothe- lus rectus part. Angu- circuli xc. Quadrans	

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
parr. Angu-  
lus rectus,  
Hypote-  
nusa con-  
grua.

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XX.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis  
E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimoque

SERIE

SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimoque

TERCIA

load-  
dati

RESIDVA  
Basi  
congrua

XXX	35,021	93,667 2	37,388	106,761 0	267,462	285,545	XXX
XXXI	35,048	93,657 0	37,422	106,772 6	267,225	285,323	XXIX
XXXII	35,075	93,646 8	37,455	106,784 2	266,988	285,101	XXVIII
XXXIII	35,102	93,636 6	37,488	106,795 8	266,752	284,880	XXVII
XXXIII	35,130	93,626 4	37,521	106,807 5	266,516	284,659	XXVI
XXXV	35,157	93,616 2	37,554	106,819 1	266,281	284,438	XXV
XXXVI	35,184	93,606 0	37,588	106,830 8	266,046	284,218	XXIII
XXXVII	35,211	93,595 7	37,621	106,842 5	265,811	283,999	XXII
XXXVIII	35,239	93,585 5	37,654	106,854 2	265,576	283,780	XXI
XXXIX	35,266	93,575 2	37,687	106,865 9	265,342	283,561	XX
XL	35,293	93,565 0	37,720	106,877 6	265,108	283,342	XIX
XLI	35,320	93,554 7	37,754	106,889 3	264,875	283,124	XVIII
XLII	35,347	93,544 4	37,787	106,901 1	264,642	282,906	XVII
XLIII	35,375	93,534 1	37,820	106,912 8	264,409	282,688	XVI
XLIII	35,402	93,523 8	37,853	106,924 6	264,177	282,471	XV
XLV	35,429	93,513 5	37,887	106,936 4	263,945	282,254	XIII
XLVI	35,456	93,503 2	37,920	106,948 2	263,714	282,037	XII
XLVII	35,484	93,492 9	37,953	106,960 0	263,483	281,821	XI
XLVIII	35,511	93,482 6	37,986	106,971 8	263,252	281,605	X
XLIX	35,538	93,472 2	38,020	106,983 6	263,021	281,390	IX
L	35,565	93,461 9	38,053	106,995 5	262,791	281,175	VIII
LI	35,592	93,451 6	38,086	107,007 3	262,561	280,960	VII
LII	35,619	93,441 2	38,120	107,019 2	262,332	280,746	VI
LIII	35,647	93,430 8	38,153	107,031 0	262,103	280,532	V
LIII	35,674	93,420 5	38,186	107,042 9	261,874	280,318	IIII
LV	35,701	93,410 1	38,220	107,054 8	261,646	280,104	III
LVI	35,728	93,399 6	38,253	107,066 7	261,418	279,891	II
LVII	35,755	93,389 3	38,286	107,078 7	261,190	279,678	I
LVIII	35,782	93,378 9	38,320	107,090 6	260,962	279,466	
LIX	35,810	93,368 5	38,353	107,102 5	260,736	279,254	
LX	35,837	93,358 0	38,386	107,114 5	260,509	279,043	

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA  
SERIE

Fæcundissimoque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendiculum

TERCIA

Fæcundissimoque  
E CANONE FÆCVNDO

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LXIX.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

grua.  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus,

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XXI.

SCRVP.

Hypotenusa

100,000

Perpendiculum Basis

E CANONE SI-  
num

PRIMA

Basis

100,000

Perpendiculum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SERIE

SECUNDA

Perpendiculum

100,000

Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERTIA

load-  
dari

RESIDVA  
Basi  
congrua

	35,837	93,358 0	38,286	107,114 5	260,509	279,043	LX
I	35,864	93,347 6	38,420	107,126 5	260,283	278,832	LIX
II	35,891	93,337 2	38,453	107,138 4	260,057	278,621	LVIII
III	35,918	93,326 7	38,487	107,150 4	259,831	278,410	LVII
IIII	35,945	93,316 3	38,520	107,162 4	259,606	278,200	LVI
V	35,973	93,305 8	38,553	107,174 4	259,381	277,990	LV
VI	36,000	93,295 4	38,587	107,186 5	259,156	277,780	LIIII
VII	36,027	93,284 9	38,620	107,198 5	258,932	277,571	LIH
VIII	36,054	93,274 4	38,654	107,210 5	258,708	277,362	LII
IX	36,081	93,263 9	38,687	107,222 6	258,484	277,153	LI
X	36,108	93,253 4	38,721	107,234 7	258,261	276,945	L
XI	36,135	93,242 9	38,754	107,246 8	258,038	276,737	XLIX
XII	36,162	93,232 3	38,787	107,258 9	257,815	276,530	XLVIII
XIII	36,190	93,221 8	38,821	107,271 0	257,593	276,323	XLVII
XIIII	36,217	93,211 2	38,854	107,283 1	257,371	276,116	XLVI
XV	36,244	93,200 7	38,888	107,295 2	257,149	275,909	XLV
XVI	36,271	93,190 1	38,921	107,307 4	256,928	275,703	XLIII
XVII	36,298	93,179 6	38,955	107,319 5	256,707	275,497	XLII
XVIII	36,325	93,169 0	38,988	107,331 7	256,487	275,292	XXIX
XIX	36,352	93,158 4	39,022	107,343 8	256,267	275,087	XXVIII
XX	36,379	93,147 8	39,055	107,356 0	256,047	274,882	XXVII
XXI	36,406	93,137 3	39,089	107,368 2	255,827	274,677	XXVI
XXII	36,433	93,126 8	39,122	107,380 5	255,608	274,473	XXV
XXIII	36,461	93,116 2	39,156	107,392 7	255,389	274,269	XXIII
XXIIII	36,488	93,105 6	39,190	107,404 9	255,170	274,065	XXII
XXV	36,515	93,095 0	39,223	107,417 2	254,952	273,862	XXI
XXVI	36,542	93,084 3	39,257	107,429 5	254,734	273,659	XX
XXVII	36,569	93,073 7	39,290	107,441 7	254,516	273,456	XXIX
XXVIII	36,596	93,063 1	39,324	107,454 0	254,299	273,254	XXVIII
XXIX	36,623	93,052 4	39,357	107,466 3	254,082	273,052	XXVII
XXX	36,650	93,041 8	39,391	107,478 6	253,865	272,850	XXVI

PRIMA

num

E CANONE SI-

Basis Perpendiculum

100,000

Hypotenusa

SECUNDA

SERIE

Fæcundissimoque

E CANONE FÆCVNDO

Basis Hypotenusa

100,000

Perpendiculum

TERTIA

Fæcundissimoque

E CANONE FÆCVNDO

Perpendiculum Hypotenusa

100,000

Basis

SCRVP.

LXVIII.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- grua.	Circu- commo-	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dati	
	PERIPHERIA Perpendiculo congrua							RESIDVA Basi congrua	
	PART.	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque			
	XXI.	PRIMA		SERIE SECUNDA		TERTIA			
SCRVP.									
XXX	36,650	93,041	8	39,391	107,478	6	253,865	272,850	XXX
XXXI	36,677	93,031	7	39,425	107,490	9	253,648	272,649	XXIX
XXXII	36,704	93,020	4	39,458	107,503	3	253,432	272,448	XXVIII
XXXIII	36,731	93,009	7	39,492	107,515	6	253,216	272,247	XXVII
XXXIII	36,758	92,999	0	39,526	107,528	0	253,001	272,047	XXVI
XXXV	36,785	92,988	4	39,559	107,540	3	252,786	271,847	XXV
XXXVI	36,812	92,977	7	39,593	107,552	7	252,571	271,647	XXIII
XXXVII	36,840	92,967	0	39,626	107,565	1	252,357	271,448	XXII
XXXVIII	36,867	92,956	2	39,660	107,577	5	252,143	271,249	XXI
XXXIX	36,894	92,945	5	39,694	107,589	9	251,929	271,050	XX
XL	36,921	92,934	8	39,727	107,602	4	251,715	270,851	XIX
XLI	36,948	92,924	0	39,761	107,614	8	251,502	270,653	XVIII
XLII	36,975	92,913	2	39,795	107,627	3	251,289	270,455	XVII
XLIII	37,002	92,902	5	39,829	107,639	7	251,076	270,258	XVI
XLIII	37,029	92,891	7	39,862	107,652	2	250,864	270,061	XV
XLV	37,056	92,881	0	39,896	107,664	7	250,652	269,864	XIII
XLVI	37,083	92,870	2	39,930	107,677	2	250,440	269,667	XII
XLVII	37,110	92,859	4	39,963	107,689	7	250,229	269,471	XI
XLVIII	37,137	92,848	6	39,997	107,702	2	250,018	269,275	X
XLIX	37,164	92,837	8	40,031	107,714	8	249,807	269,079	IX
L	37,191	92,827	0	40,065	107,727	3	249,597	268,884	VIII
LI	37,218	92,816	2	40,098	107,739	9	249,387	268,689	VII
LII	37,245	92,805	3	40,132	107,752	4	249,177	268,494	VI
LIII	37,272	92,794	5	40,166	107,765	0	248,967	268,299	V
LIII	37,299	92,783	6	40,200	107,777	6	248,758	268,105	IIII
LV	37,326	92,772	8	40,234	107,790	2	248,549	267,911	III
LVI	37,353	92,761	9	40,267	107,802	8	248,340	267,718	II
LVII	37,380	92,751	0	40,301	107,815	4	248,132	267,525	I
LVIII	37,407	92,740	2	40,335	107,828	1	247,924	267,332	
LIX	37,434	92,729	3	40,369	107,840	8	247,716	267,139	
LX	37,461	92,718	4	40,403	107,853	5	247,509	266,947	
PRIMA									
SECUNDA									
TERTIA									
SCRVP.									
LXVIII.									
PART.									
congrua Basi RESIDVA									
dati lo ad-									
Basis Perpendicularum 100,000 Hypotenusa									
Basis Hypotenusa 100,000 Perpendicularum									
Perpendicularum Hypotenusa 100,000 Basis									
congrua Perpendiculo PERIPHERIA									
commo- Circu-									
gruus. nusa con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans									

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nuse con-  
gruus,

Circu-  
commo-  
PERIPHERIA  
Perpendiculo  
congrua

PART.

XXII.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FACVNDIO  
Facundissimoque

SERIE  
SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FACVNDIO  
Facundissimoque

TERCIA

lo ad-

RESIDVA  
Basi  
congrua

	37,461	92,718 4	40,403	107,853 5	247,509	266,947	LX
I	37,488	92,607 5	40,436	107,866 2	247,302	266,755	LIX
II	37,515	92,696 6	40,470	107,878 9	247,095	266,563	LVIII
III	37,542	92,685 7	40,504	107,891 6	246,888	266,371	LVII
IIII	37,569	92,674 7	40,538	107,904 3	246,682	266,180	LVI
V	37,595	92,663 8	40,572	107,917 0	246,476	265,989	LV
VI	37,622	92,652 9	40,606	107,929 7	246,270	265,799	LIIII
VII	37,649	92,641 9	40,640	107,942 5	246,065	265,609	LIII
VIII	37,676	92,631 0	40,674	107,955 3	245,860	265,419	LII
IX	37,703	92,620 0	40,707	107,968 1	245,655	265,229	LI
X	37,730	92,609 0	40,741	107,980 9	245,451	265,040	L
XI	37,757	92,598 1	40,775	107,993 7	245,247	264,851	XLIX
XII	37,784	92,587 1	40,809	108,006 5	245,043	264,662	XLVIII
XIII	37,811	92,576 1	40,843	108,019 3	244,839	264,473	XLVII
XIIII	37,838	92,565 1	40,877	108,032 1	244,636	264,285	XLVI
XV	37,865	92,554 0	40,911	108,044 9	244,433	264,097	XLV
XVI	37,892	92,543 0	40,945	108,057 8	244,230	263,909	XLIIII
XVII	37,919	92,532 0	40,979	108,070 7	244,027	263,722	XLIII
XVIII	37,946	92,521 0	41,013	108,083 6	243,825	263,535	XLII
XIX	37,973	92,509 9	41,047	108,096 5	243,623	263,348	XLI
XX	37,999	92,498 9	41,081	108,109 4	243,421	263,162	XL
XXI	38,026	92,487 8	41,115	108,122 3	243,220	262,976	XXXIX
XXII	38,053	92,476 8	41,149	108,135 3	243,019	262,790	XXXVIII
XXIII	38,080	92,465 7	41,183	108,148 2	242,818	262,604	XXXVII
XXIIII	38,107	92,454 6	41,217	108,161 2	242,618	262,419	XXXVI
XXV	38,134	92,443 5	41,251	108,174 2	242,418	262,234	XXXV
XXVI	38,161	92,432 4	41,285	108,187 2	242,218	262,049	XXXIIII
XXVII	38,188	92,421 3	41,319	108,200 2	242,018	261,864	XXXIII
XXVIII	38,215	92,410 2	41,353	108,213 2	241,819	261,680	XXXII
XXIX	38,241	92,399 1	41,387	108,226 2	241,620	261,496	XXXI
XXX	38,268	92,388 0	41,421	108,239 2	241,421	261,313	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA

Facundissimoque  
E CANONE FACVNDIO

Basis Hypotenusa  
100,000  
Perpendiculum

TERCIA

Facundissimoque  
E CANONE FACVNDIO

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LXVII.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus,  
nuse con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus  
Hypothe-  
nusæ con-  
gruus.

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XXII.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis  
E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimoque  
SERIE

SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimoque

TERCIA

load-  
dati

RESIDVA  
Basi  
congrua.

XXX	38,268	92,388 0	41,421	108,239 2	241,421	261,313	XXX
XXXI	38,295	92,376 8	41,455	108,252 2	241,223	261,129	XXIX
XXXII	38,322	92,365 7	41,490	108,265 3	241,025	260,946	XXVIII
XXXIII	38,349	92,354 5	41,524	108,278 4	240,827	260,763	XXVII
XXXIII	38,376	92,343 4	41,578	108,291 5	240,629	260,581	XXVI
XXXV	38,403	92,332 2	41,592	108,304 6	240,432	260,399	XXV
XXXVI	38,430	92,321 0	41,626	108,317 7	240,235	260,217	XXIII
XXXVII	38,456	92,309 9	41,660	108,330 8	240,038	260,035	XXII
XXXVIII	38,483	92,298 7	41,694	108,343 9	239,841	259,853	XXI
XXXIX	38,510	92,287 5	41,728	108,357 0	239,645	259,672	XX
XL	38,537	92,276 3	41,763	108,370 2	239,449	259,491	XIX
XLI	38,564	92,265 0	41,797	108,383 4	239,253	259,310	XVIII
XLII	38,591	92,253 8	41,831	108,396 6	239,058	259,130	XVII
XLIII	38,617	92,242 6	41,865	108,409 8	238,863	258,950	XVI
XLIII	38,644	92,231 4	41,899	108,423 0	238,668	258,770	XV
XLV	38,671	92,220 1	41,933	108,436 2	238,473	258,591	XIII
XLVI	38,698	92,207 8	41,968	108,449 5	238,279	258,412	XII
XLVII	38,725	92,197 6	42,002	108,462 7	238,085	258,233	XI
XLVIII	38,752	92,186 3	42,036	108,476 0	237,891	258,054	X
XLIX	38,778	92,175 0	42,070	108,489 2	237,697	257,876	IX
L	38,805	92,163 8	42,105	108,502 5	237,504	257,698	VIII
LI	38,832	92,152 5	42,139	108,515 8	237,311	257,520	VII
LII	38,859	92,141 2	42,173	108,529 1	237,118	257,342	VI
LIII	38,886	92,129 9	42,207	108,542 4	236,925	257,165	V
LIII	38,912	92,118 6	42,242	108,555 8	236,733	256,988	III
LV	38,939	92,107 2	42,276	108,569 1	236,541	256,811	II
LVI	38,966	92,095 9	42,310	108,582 5	236,349	256,634	I
LVII	38,993	92,084 6	42,345	108,595 8	236,158	256,458	
LVIII	39,020	92,073 2	42,379	108,609 2	235,967	256,282	
LIX	39,046	92,061 9	42,413	108,622 6	235,776	256,106	
LX	39,073	92,050 5	42,447	108,636 0	235,585	255,930	

PRIMA

SECUNDA  
SERIE

TERCIA

SCRVP.

LXVII.

num  
E CANONE SI-

Fæcundissimoque  
E CANONE FÆCVNDO

Fæcundissimoque  
E CANONE FÆCVNDO

PART.

congrua  
Basi  
RESIDVA

Basis Perpendiculum  
100,000  
Hypotenusa

Basis Hypotenusa  
100,000  
Perpendiculum

Perpendiculum Hypotenusa  
100,000  
Basis

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusæ con-  
Hypothe-  
lus rectus  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus,

Circu-  
commo-

PERIPHERIA  
Perpendicularo  
congrua

PART.

XXIII.

SCRVP.

Hypotenusa  
100,000  
Perpendicularum Basis

E CANONE SI-  
nuum

PRIMA

Basis  
100,000  
Perpendicularum Hypotenusa

E CANONE FACVNDIO  
Facundissimoque  
SERIE

SECUNDA

Perpendicularum  
100,000  
Basis Hypotenusa

E CANONE FACVNDIO  
Facundissimoque

TERCIA

lo ad-  
dati

RESIDVA  
Basi  
congrua

	39,073	92,050 5	42,447	108,636 0	235,585	255,930	LX
I	39,100	92,039 1	42,482	108,649 4	235,395	255,755	LIX
II	39,127	92,027 7	42,516	108,662 9	235,205	255,580	LVIII
III	39,153	92,016 4	42,551	108,676 3	235,015	255,405	LVII
IIII	39,180	92,005 0	42,585	108,689 8	234,825	255,231	LVI
V	39,207	91,993 6	42,619	108,703 3	234,636	255,057	LV
VI	39,234	91,982 2	42,654	108,716 8	234,447	254,883	LIIII
VII	39,261	91,970 7	42,688	108,730 3	234,258	254,709	LIII
VIII	39,287	91,959 3	42,722	108,743 8	234,069	254,536	LII
IX	39,314	91,947 9	42,757	108,757 3	233,881	254,363	LI
X	39,341	91,936 4	42,791	108,770 8	233,693	254,190	L
XI	39,367	91,925 0	42,826	108,784 3	233,505	254,017	XLIX
XII	39,394	91,913 5	42,860	108,797 9	233,317	253,844	XLVIII
XIII	39,421	91,902 1	42,895	108,811 5	233,130	253,672	XLVII
XIIII	39,448	91,890 6	42,929	108,825 1	232,943	253,500	XLVI
XV	39,474	91,876 1	42,963	108,838 7	232,756	253,328	XLV
XVI	39,501	91,867 6	42,998	108,852 3	232,569	253,157	XLIIII
XVII	39,528	91,856 1	43,032	108,865 9	232,383	252,986	XLIII
XVIII	39,555	91,844 6	43,067	108,879 5	232,197	252,815	XLII
XIX	39,581	91,833 1	43,101	108,893 1	232,011	252,644	XLI
XX	39,608	91,821 6	43,136	108,906 8	231,826	252,474	XL
XXI	39,635	91,810 1	43,170	108,920 5	231,641	252,304	XXXIX
XXII	39,661	91,798 6	43,205	108,934 2	231,456	252,134	XXXVIII
XXIII	39,688	91,787 0	43,239	108,947 9	231,271	251,964	XXXVII
XXIIII	39,715	91,775 5	43,274	108,961 6	231,086	251,795	XXXVI
XXV	39,741	91,764 0	43,308	108,975 3	230,902	251,626	XXXV
XXVI	39,768	91,752 4	43,343	108,989 1	230,718	251,457	XXXIIII
XXVII	39,795	91,740 8	43,378	109,002 8	230,534	251,288	XXXIII
XXVIII	39,822	91,729 2	43,412	109,016 6	230,350	251,120	XXXII
XXIX	39,848	91,717 6	43,447	109,030 3	230,167	250,952	XXXI
XXX	39,875	91,706 0	43,481	109,044 1	229,984	250,784	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendicularum  
100,000  
Hypotenusa

SECUNDA  
SERIE

Facundissimoque  
E CANONE FACVNDIO

Basis Hypotenusa  
100,000  
Perpendicularum

TERCIA

Facundissimoque  
E CANONE FACVNDIO

Perpendicularum Hypotenusa  
100,000  
Basis

SCRVP.

LXVI.

PART.

congrua  
Perpendicularo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
grua.

Circu-  
commo-

PERIPHERIA  
Perpendicularo  
congrua

PART.

XXIII.

SCRVP.

Hypotenusa  
100,000  
Perpendicularum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendicularum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimòque

SERIE  
SECUNDA

Perpendicularum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimòque

TERTIA

Io ad-  
dati

RESIDVA  
Basi  
congrua

XXX	39,875	91,706 0	43,481	109,044 1	229,984	250,784	XXX
XXXI	39,902	91,698 4	43,516	109,057 9	229,801	250,616	XXIX
XXXII	39,928	91,282 8	43,550	109,071 7	229,619	250,449	XXVIII
XXXIII	39,955	91,671 2	43,585	109,085 5	229,437	250,282	XXVII
XXXIII	39,982	91,659 6	43,620	109,099 4	229,254	250,115	XXVI
XXXV	40,008	91,647 9	43,654	109,113 2	229,073	249,948	XXV
XXXVI	40,035	91,636 3	43,689	109,127 1	228,891	249,782	XXIII
XXXVII	40,062	91,624 6	43,723	109,140 9	228,710	249,616	XXII
XXXVIII	40,088	91,613 0	43,758	109,154 8	228,528	249,450	XXI
XXXIX	40,115	91,601 8	43,793	109,168 7	228,348	249,284	XX
XL	40,142	91,589 6	43,827	109,182 7	228,167	249,119	XIX
XLI	40,168	91,578 0	43,862	109,196 6	227,987	248,954	XVIII
LXII	40,195	91,566 3	43,897	109,210 5	227,806	248,789	XVII
XLIII	40,221	91,554 6	43,932	100,224 4	227,626	248,624	XVI
XLIII	40,248	91,542 9	43,966	109,238 4	227,447	248,459	XV
XLV	40,275	91,531 1	44,001	109,252 4	227,267	248,295	XIII
XLVI	40,301	91,519 4	44,036	109,266 4	227,088	248,131	XII
XLVII	40,328	91,507 7	44,070	109,280 4	226,909	247,967	XI
XLVIII	40,355	91,496 0	44,105	109,294 4	226,730	247,804	X
XLIX	40,381	91,484 2	44,140	109,308 5	226,552	247,640	IX
L	40,408	91,472 5	44,175	109,322 5	226,374	247,477	VIII
LI	40,434	91,460 7	44,209	159,336 6	226,196	247,314	VII
LII	40,461	91,449 0	44,244	109,350 6	226,018	247,152	VI
LIII	40,488	91,437 2	44,279	109,364 7	225,840	246,989	V
LIII	40,514	91,425 4	44,314	109,378 8	225,663	246,827	III
LV	40,541	91,413 6	44,349	109,392 9	225,486	246,665	II
LVI	40,567	91,401 8	44,383	109,407 0	225,309	246,504	I
LVII	40,594	91,390 0	44,418	109,421 2	225,132	246,342	
LVIII	40,621	91,378 2	44,452	109,435 3	224,956	246,181	
LIX	40,647	91,366 8	44,488	109,449 4	224,780	246,020	
LX	40,674	91,354 6	44,523	109,463 6	224,604	245,859	

PRIMA

num  
E CANONE SI-

Basis Perpendicularum  
100,000  
Hypotenusa

SECUNDA

Fæcundissimòque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendicularum

TERTIA

Fæcundissimòque  
E CANONE FÆCVNDO

Perpendicularum Hypotenusa  
100,000  
Basis

SCRVP.

LXVI.

PART.

congrua  
Perpendicularo  
PERIPHERIA

commo-  
Circu-

grua,  
nusa con-  
Hypote-  
lus rectus,  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



TRIANGVLI PLANI RECTANGVLI

Circu- commo-		Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		load- dari	
PERIPHERIA Perpendiculo congrua		E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimoque SERIE		E CANONE FÆCVNDO Fæcundissimoque		RESIDVA Basi congrua	
PART. XXIII.		PRIMA		SECUNDA		TERTIA			
SCRVP.									
I	40,674	91,354	6	44,523	109,463	6	224,604	245,859	LX
II	40,700	91,342	7	44,558	109,477	8	224,428	245,699	LIX
III	40,727	91,330	9	44,592	109,492	0	224,252	245,539	LVIII
IV	40,753	91,319	0	44,627	109,506	2	224,077	245,379	LVII
V	40,780	91,307	2	44,662	109,520	4	223,902	245,219	LVI
VI	40,806	91,295	3	44,697	109,534	6	223,727	245,059	LV
VII	40,833	91,283	4	44,732	109,548	9	223,553	244,900	LVIII
VIII	40,860	91,271	5	44,767	109,563	2	223,378	244,741	LIII
IX	40,886	91,259	7	44,802	109,577	5	223,204	244,582	LII
X	40,913	91,247	8	44,837	109,591	4	223,030	244,423	LI
XI	40,939	91,235	8	44,872	109,606	1	222,857	244,264	L
XII	40,966	91,223	9	44,907	109,620	8	222,683	244,106	XLIX
XIII	40,992	91,212	0	44,942	109,634	7	222,510	243,948	XLVIII
XIV	41,019	91,200	1	44,977	109,649	0	222,337	243,790	XLVII
XV	41,045	91,188	1	45,012	109,663	4	222,164	243,633	XLVI
XVI	41,072	91,176	2	45,047	109,677	7	221,992	243,475	XLV
XVII	41,098	91,164	3	45,082	109,692	1	221,819	243,318	XLIII
XVIII	41,125	91,152	3	45,117	109,706	5	221,647	243,161	XLII
XIX	41,151	91,140	3	45,152	109,720	9	221,475	243,005	XLI
XX	41,178	91,128	4	45,187	109,735	3	221,304	242,848	XL
XXI	41,204	91,116	4	45,222	109,749	8	221,132	242,692	XXXIX
XXII	41,231	91,104	4	45,257	109,764	2	220,961	242,536	XXXVIII
XXIII	41,257	91,092	4	45,292	109,778	7	220,790	242,380	XXXVII
XXIV	41,284	91,080	4	45,327	109,793	1	220,619	242,225	XXXVI
XXV	41,310	91,068	4	45,362	109,807	6	220,449	242,070	XXXV
XXVI	41,337	91,056	4	45,397	109,822	1	220,278	241,915	XXXIII
XXVII	41,363	91,044	3	45,432	109,836	6	220,108	241,760	XXXII
XXVIII	41,390	91,032	3	45,467	109,851	1	219,938	241,605	XXXI
XXIX	41,416	91,020	2	45,502	109,865	7	219,769	241,450	XXX
XXX	41,443	91,008	2	45,537	109,880	2	219,599	241,296	
	41,469	9,0996	1	45,573	109,894	8	219,430	241,142	

PRIMA

num

E CANONE SI-

Basis Perpendicularum

100,000

Hypotenusa

SECUNDA

SERIE

Fæcundissimoque

E CANONE FÆCVNDO

Basis Hypotenusa

100,000

Perpendicularum

TERTIA

Fæcundissimoque

E CANONE FÆCVNDO

Perpendicularum Hypotenusa

100,000

Basis

SCRVP.

LXV.

PART.

congrua

Perpendiculo

PERIPHERIA

commo-

Circu-



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- grua.	Circu- commo-  PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati  RESIDVA Basi congrua
	PART.	E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimoque SERIE		E CANONE FÆCVNDO Fæcundissimoque		
	XXIII.	PRIMA		SECUNDA		TERTIA		
	SCRVP.							
XXX	41,469	90,996 1	45,573	109,894 8	219,430	241,142	XXX	
XXXI	41,496	90,984 1	45,608	109,909 4	219,261	240,988	XXIX	
XXXII	41,522	90,972 0	45,643	109,924 0	219,092	240,835	XXVIII	
XXXIII	41,549	90,959 9	45,678	109,938 6	218,923	240,681	XXVII	
XXXIIII	41,575	90,947 8	45,713	109,953 2	218,755	240,528	XXVI	
XXXV	41,602	90,935 7	45,748	109,967 8	218,787	240,375	XXV	
XXXVI	41,628	90,923 6	45,784	109,982 5	218,419	240,222	XXIIII	
XXXVII	41,655	90,911 5	45,819	109,997 1	218,251	240,070	XXIII	
XXXVIII	41,681	90,899 4	45,854	110,011 8	218,084	239,918	XXII	
XXXIX	41,707	90,887 3	45,889	110,026 5	217,916	239,766	XXI	
XL	41,734	90,875 1	45,924	110,041 2	217,749	239,614	XX	
XLI	41,760	90,863 0	45,960	110,055 9	217,582	239,462	XIX	
LXII	41,787	90,850 8	45,995	110,070 6	217,416	239,311	XVIII	
XLIII	41,813	90,838 7	46,030	110,085 3	217,249	239,159	XVII	
XLIIII	41,840	90,826 5	46,065	110,100 1	217,083	239,008	XVI	
XLV	41,866	90,814 3	46,101	110,114 8	216,917	238,857	XV	
XLVI	41,892	90,802 1	46,135	110,129 6	216,751	238,707	XIIII	
XLVII	41,919	90,790 0	46,171	110,144 4	216,585	238,556	XIII	
XLVIII	41,945	90,777 8	46,206	110,159 2	216,420	238,406	XII	
XLIX	41,972	90,765 6	46,242	110,174 0	216,255	238,256	XI	
L	41,998	90,753 3	46,277	110,188 8	216,090	238,106	X	
LI	42,024	90,741 1	46,312	110,203 6	415,925	237,957	IX	
LII	42,051	90,728 9	46,348	110,218 5	215,760	237,808	VIII	
LIII	42,077	90,716 7	46,383	110,233 4	215,596	237,658	VII	
LIIII	42,104	90,704 4	46,418	110,248 3	215,432	237,509	VI	
LV	42,130	90,692 2	46,454	110,263 2	215,268	237,360	V	
LVI	42,156	90,779 9	46,489	110,278 1	215,104	237,212	IIII	
LVII	42,183	90,667 6	46,525	110,293 0	214,940	237,064	III	
LVIII	42,209	90,655 4	46,560	110,307 9	214,777	236,916	II	
LIX	42,238	90,643 1	46,595	110,322 9	214,612	236,768	I	
LX	42,262	90,630 8	46,631	110,337 8	214,451	236,620	◆	
PRIMA		SECUNDA SERIE		TERTIA		SCRVP.		
num E CANONE SI-		Fæcundissimoque E CANONE FÆCVNDO		Fæcundissimoque E CANONE FÆCVNDO		LXV.		
congrua Basi RESIDVA	Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		PART.	
	100,000		100,000		100,000		congrua Perpendiculo PERIPHERIA	
	Hypotenusa		Perpendiculum		Basis		commo- Circu-	
TRIANGVLI PLANI RECTANGVLI								



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus,	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
		PRIMA		SECUNDA		TERTIA		
		PART. XXV.						
		SCRVP.						
I II III IIII V VI VII VIII IX X XI XII XIII XIIII XV XVI XVII XVIII XIX XX XXI XXII XXIII XXIIII XXV XXVI XXVII XXVIII XXIX XXX	LX LIX LVIII LVII LVI LV LIIII LIII LII LI L XLIX XLVIII XLVII XLVI XLV XLIII XLII XLI XL XXXIX XLVIII XLVII XLVI XLV XLIII XLII XLI XL XXXIX XXXVIII XXXVII XXXVI XXXV XXXIII XXXII XXXI XXX	42,262	90,630 8	46,631	110,337 8	214,451	236,620	
		42,288	90,618 5	46,666	110,352 8	214,288	236,472	
		42,315	90,606 2	46,702	110,367 8	214,125	236,325	
		42,341	90,593 9	46,737	110,382 8	213,963	236,177	
		42,367	90,581 6	46,772	110,397 8	213,801	236,031	
		42,394	90,569 2	46,808	110,412 9	213,639	235,884	
		42,420	90,556 9	46,843	110,427 9	213,477	235,738	
		42,446	90,544 5	46,879	110,443 0	213,316	235,592	
		42,473	90,532 2	46,914	110,458 0	213,154	235,446	
		42,499	90,519 8	46,950	110,473 1	212,993	235,300	
		42,526	90,507 5	46,985	110,488 2	212,832	235,154	
		42,552	90,495 1	47,021	110,503 3	212,671	235,008	
		42,578	90,482 7	47,056	110,518 4	212,511	234,863	
		42,604	90,470 3	47,092	110,533 5	212,350	234,718	
		42,631	90,457 9	47,127	110,548 7	212,190	234,574	
		42,657	90,445 5	47,163	110,563 9	212,030	234,429	
		42,683	90,433 1	47,199	110,579 0	211,871	234,284	
		42,709	90,420 7	47,234	110,594 2	211,711	234,140	
		42,736	90,408 3	47,270	110,609 4	211,552	233,996	
		42,762	90,395 8	47,305	110,624 6	211,392	233,852	
		42,788	90,382 4	47,341	110,639 9	211,233	233,708	
		42,815	90,370 9	47,377	110,655 1	211,075	233,565	
		42,841	90,358 5	47,412	110,670 4	210,916	233,422	
		42,867	90,346 0	47,448	110,685 6	210,758	233,278	
		42,894	90,333 5	47,483	110,700 9	210,599	233,135	
		42,920	90,321 1	47,519	110,716 2	210,441	232,992	
		42,946	90,308 6	47,555	110,731 5	210,284	232,850	
		42,972	90,296 1	47,590	110,746 8	210,126	232,708	
		42,999	90,283 6	47,626	110,762 2	209,969	232,566	
		43,025	90,271 1	47,662	110,777 5	209,811	232,424	
		43,051	90,258 5	47,697	110,792 9	209,654	232,282	
PRIMA		SECUNDA		TERTIA		SCRVP.		
num		Fæcundissimoque		Fæcundissimoque		PART.		
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua Perpendiculo PERIPHERIA		
Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		commo- Circu-		
100,000		100,000		100,000				
Hypotenusa		Perpendiculum		Basis				
RESIDVA								
dati								
lo ad-								

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendicularo congrua	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
		PRIMA		SERIE SECUNDA		TERTIA		
		PART. XXV. SCRVP.						
XXX		43,051	90,258 5	47,697	110,792 9	209,654	232,282	XXX
XXXI		43,077	90,246 0	47,733	110,808 3	209,498	232,140	XXIX
XXXII		43,104	90,233 5	47,769	110,823 7	209,341	231,999	XXVIII
XXXIII		43,130	90,220 9	47,805	110,839 1	209,184	231,858	XXVII
XXXIII		43,156	90,208 4	47,840	110,854 5	209,028	231,717	XXVI
XXXV		43,182	90,195 8	47,876	110,869 2	208,872	231,576	XXV
XXXVI		43,209	90,183 3	47,912	110,885 4	208,716	231,436	XXIII
XXXVII		43,235	90,170 7	47,948	110,900 8	208,560	231,295	XXIII
XXXVIII		43,261	90,158 1	47,983	110,916 2	208,405	231,155	XXII
XXXIX		43,287	90,145 5	48,019	110,931 8	208,250	231,015	XXI
XL		43,313	90,132 9	48,055	110,947 3	208,094	230,875	XX
XLI		43,340	90,120 3	48,091	110,962 8	207,939	230,735	XIX
LXII		43,366	90,107 7	48,127	110,978 3	207,785	230,596	XVIII
XLIII		43,392	90,095 1	48,163	110,993 2	207,630	230,456	XVII
XLIII		43,418	90,082 5	48,198	111,009 4	207,476	230,317	XVI
XLV		43,445	90,069 8	48,234	111,025 0	207,321	230,178	XV
XLVI		43,471	90,057 2	48,270	111,040 6	207,167	230,040	XIII
XLVII		43,497	90,044 5	48,306	111,056 2	207,013	229,901	XIII
XLVIII		43,523	90,031 9	48,342	111,071 8	206,850	229,763	XII
XLIX		43,549	90,019 2	48,378	111,087 4	206,706	229,625	XI
L		43,575	90,006 5	48,414	111,103 0	206,553	229,487	X
LI		43,602	89,993 9	48,450	111,118 7	206,400	229,349	IX
LII		43,628	89,981 2	48,485	111,134 4	206,247	229,211	VIII
LIII		43,654	89,968 5	48,521	111,150 1	206,094	229,074	VII
LIII		43,680	89,955 8	48,557	111,165 8	205,942	228,937	VI
LV		43,706	89,943 1	48,593	111,181 5	205,789	228,800	V
LVI		43,733	89,930 4	48,629	111,197 2	205,637	228,663	IIII
LVII		43,759	89,917 6	48,665	111,213 0	205,485	228,526	III
LVIII		43,785	89,904 9	48,701	111,228 7	205,333	228,390	II
LIX		43,811	89,892 2	48,737	111,244 5	205,182	228,253	I
LX		43,837	89,879 4	48,773	111,260 2	205,030	228,117	◆
		PRIMA num E CANONE SI-		SECUNDA SERIE Fæcundissimoque E CANONE FÆCVNDO		TERTIA Fæcundissimoque E CANONE FÆCVNDO		SCRVP. LXXIIII.
		Basis Perpendicularum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendicularum		Perpendicularum Hypotenusa 100,000 Basis		PART. congrua Perpendicularo PERIPHERIA commo- Circu-
		RESIDVA Basi congrua						gruus. nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus,	Circu- commo- PERIPHERIA Perpendicularo congrua PART. XXVI. SCRVP.	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dari RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMÆ		SECUNDÆ		TERTIÆ		
◆		43,837	89,879 4	48,773	III,260 2	205,030	228,117	LX
I		43,864	89,866 6	48,809	III,276 0	204,879	227,981	LIX
II		43,890	89,853 9	48,845	III,291 8	204,728	227,845	LVIII
III		43,916	89,841 1	48,881	III,307 6	204,577	227,709	LVII
IIII		43,942	89,828 3	48,917	III,323 5	204,426	227,574	LVI
V		43,968	89,815 6	48,953	III,339 3	204,276	227,439	LV
VI		43,994	89,802 8	48,989	III,355 2	204,125	227,304	LVIII
VII		44,020	89,790 0	49,026	III,371 0	203,975	227,169	LIII
VIII		44,046	89,777 2	49,062	III,386 9	203,825	227,035	LII
IX		44,072	89,764 3	49,098	III,402 8	203,675	226,900	LI
X		44,098	89,751 5	49,134	III,418 8	203,526	226,766	L
XI		44,124	89,738 7	49,170	III,434 7	203,376	226,632	XLIX
XII		44,151	89,725 8	49,206	III,450 6	203,227	226,498	XLVIII
XIII		44,177	89,713 0	49,242	III,466 5	203,078	226,364	XLVII
XIIII		44,203	89,700 1	49,278	III,482 5	202,929	226,230	XLVI
XV		44,229	89,687 3	49,314	III,498 5	202,780	226,096	XLV
XVI		44,255	89,674 4	49,351	III,514 5	202,631	225,963	XLIIII
XVII		44,281	89,661 5	49,387	III,530 6	202,483	225,830	XLIII
XVIII		44,307	89,648 6	49,423	III,546 6	202,335	225,697	XLII
XIX		44,333	89,635 8	49,459	III,562 7	202,186	225,564	XLI
XX		44,359	89,622 9	49,495	III,578 7	202,039	225,432	XL
XXI		44,385	89,609 9	49,532	III,594 8	201,891	225,299	XXXIX
XXII		44,411	89,597 0	49,568	III,610 8	201,743	225,167	XXXVIII
XXIII		44,437	89,584 1	49,604	III,626 9	201,596	225,035	XXXVII
XXIIII		44,464	89,571 2	49,640	III,643 1	201,449	224,903	XXXVI
XXV		44,490	89,558 2	49,677	III,659 2	201,302	224,771	XXXV
XXVI		44,516	89,545 3	49,713	III,675 3	201,155	224,640	XXXIIII
XXVII		44,542	89,532 4	49,749	III,691 5	201,008	224,508	XXXIII
XXVIII		44,568	89,519 4	49,785	III,707 7	200,861	224,377	XXXII
XXIX		44,594	89,506 4	49,822	III,723 9	200,715	224,247	XXXI
XXX		44,620	89,493 4	49,858	III,740 1	200,569	224,116	XXX
		PRIMÆ num E CANONE SI-		SECUNDÆ SERIE Fæcundissimòque E CANONE FÆCVNDO		TERTIÆ Fæcundissimòque E CANONE FÆCVNDO		SCRVP. LXIII.
		Basis Perpendicularum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendicularum		Perpendicularum Hypotenusa 100,000 Basis		PART.
		congrua Basi RESIDVA						congrua Perpendicularo PERIPHERIA
		dari lo ad-						commo- Circu-
								gruus. nusa com- Hypote- lus rectus part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. XXVI. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dati RESIDVA Basi congrua	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE SECVND.A		E CANONE FÆCVNDO Fæcundissimòque TERTIA			
		PRIMA		SECVND.A		TERTIA			
XXX		44,620	89,493 4	49,858	III,740 1	200,569	224,116	XXX	
XXXI		44,646	89,480 5	49,894	III,756 3	200,423	223,985	XXIX	
XXXII		44,672	89,467 5	49,931	III,772 5	200,277	223,855	XXVIII	
XXXIII		44,698	89,454 5	49,967	III,788 7	200,131	223,724	XXVII	
XXXIII		44,724	89,441 5	50,003	III,805 0	199,986	223,594	XXVI	
XXXV		44,750	89,428 5	50,040	III,821 2	199,841	223,464	XXV	
XXXVI		44,776	89,415 4	50,076	III,837 5	199,695	223,334	XXIII	
XXXVII		44,802	89,402 4	50,113	III,853 8	199,550	223,204	XXIII	
XXXVIII		44,828	89,389 4	50,149	III,870 1	199,406	223,075	XXII	
XXXIX		44,854	89,376 3	50,185	III,886 4	199,261	222,946	XXI	
XL		44,880	89,363 3	50,222	III,902 8	199,116	222,817	XX	
XLI		44,906	89,350 2	50,258	III,919 2	198,972	222,688	XIX	
LXII		44,932	89,337 1	50,295	III,935 5	198,828	222,559	XVIII	
XLIII		44,958	89,324 1	50,331	III,951 9	198,684	222,430	XVII	
XLIII		44,984	89,311 0	50,368	III,968 3	198,540	222,302	XVI	
XLV		45,010	89,297 9	50,404	III,984 7	198,396	222,173	XV	
XLVI		45,036	89,284 8	50,441	III,001 1	198,253	222,045	XIII	
XLVII		45,062	89,271 7	50,477	III,017 5	198,109	221,917	XIII	
XLVIII		45,088	89,258 6	50,514	III,034 0	197,966	221,790	XII	
XLIX		45,114	89,245 5	50,550	III,050 5	197,823	221,662	XI	
L		45,140	89,232 3	50,587	III,067 0	197,680	221,535	X	
LI		45,166	89,219 2	50,623	III,083 5	197,538	221,407	IX	
LII		45,192	89,206 1	50,660	III,100 0	197,395	221,280	VIII	
LIII		45,218	89,192 9	50,696	III,116 5	197,253	221,153	VII	
LIII		45,243	89,179 8	50,733	III,133 1	197,111	221,026	VI	
LV		45,269	89,166 6	50,769	III,149 6	196,969	220,899	V	
LVI		45,295	89,153 4	50,806	III,166 2	196,827	220,773	IIII	
LVII		45,321	89,140 2	50,843	III,182 8	196,685	220,647	III	
LVIII		45,347	89,127 0	50,880	III,199 4	196,544	220,521	II	
LIX		45,373	89,113 9	50,916	III,216 0	196,402	220,395	I	
LX		45,399	89,100 7	50,952	III,232 6	196,261	220,269	◆	
PRIMA		SECVND.A		TERTIA		SCRVP.		LXIII.	
num		Fæcundissimòque		Fæcundissimòque		PART.		gruus.	
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua		nu(x con-	
Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		Perpendiculo		Hypote-	
100,000		100,000		100,000		PERIPHERIA		lus rectus.	
Hypotenusa		Perpendiculum		Basis		commo-		part. Angu	
						Circu-		circuli xc.	
								Quadrans	

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# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus,	Circu- commo-	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dari
	PERIPHERIA Perpendiculo congrua	E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		RESIDVA Basi congrua
	PART. XXVII.	PRIMA		SERIE SECUNDA		TERTIA		
	SCRVP.							
◆		45,399	89,100 7	50,952	112,232 6	196,261	220,269	LX
I		45,425	89,087 4	50,989	112,249 3	196,120	220,143	LIX
II		45,451	89,074 2	51,026	112,265 9	195,979	220,018	LVIII
III		45,477	89,061 0	51,062	112,282 6	195,838	219,892	LVII
IIII		45,503	89,047 8	51,099	112,299 3	195,698	219,767	LVI
V		45,529	89,034 5	51,136	112,315 0	195,557	219,642	LV
VI		45,555	89,021 3	51,172	112,332 7	195,417	219,517	LIIII
VII		45,580	89,008 0	51,209	112,349 4	195,277	219,392	LIII
VIII		45,606	88,994 8	51,246	112,366 2	195,137	219,268	LII
IX		45,632	88,981 5	51,283	112,383 9	194,997	219,143	LI
X		45,658	88,968 2	51,319	112,399 7	194,858	219,019	L
XI		45,684	88,954 9	51,356	112,416 5	194,718	218,895	XLIX
XII		45,710	88,941 6	51,393	112,433 3	194,579	218,771	XLVIII
XIII		45,736	88,928 3	51,430	112,450 1	194,440	218,647	XLVII
XIIII		45,762	88,915 0	51,466	112,466 9	194,301	218,524	XLVI
XV		45,787	88,901 7	51,503	112,483 7	194,162	218,400	XLV
XVI		45,813	88,888 4	51,540	112,500 6	194,023	218,277	XLIIII
XVII		45,839	88,875 1	51,577	112,517 2	193,885	218,154	XLIII
XVIII		45,865	88,861 7	51,614	112,534 4	193,746	218,031	XLII
XIX		45,891	88,848 4	51,651	112,551 3	193,608	217,908	XLI
XX		45,917	88,835 0	51,687	112,568 2	193,470	217,786	XL
XXI		45,942	88,821 7	51,724	112,585 1	193,332	217,663	XXXIX
XXII		45,968	88,808 3	51,761	112,602 1	193,195	217,541	XXXVIII
XXIII		45,994	88,794 9	51,798	112,619 0	193,057	217,419	XXXVII
XXIIII		46,020	88,781 5	51,835	112,636 0	192,920	217,297	XXXVI
XXV		46,046	88,768 2	51,872	112,653 1	192,782	217,175	XXXV
XXVI		46,072	88,754 8	51,909	112,670 1	192,645	217,053	XXXIIII
XXVII		46,097	88,741 3	51,946	112,687 1	192,508	216,931	XXXIII
XXVIII		46,123	88,727 9	51,983	112,704 1	192,371	216,810	XXXII
XXIX		46,149	88,714 5	52,020	112,721 1	192,235	216,689	XXXI
XXX		46,175	88,701 1	52,057	112,738 2	192,098	216,568	XXX
		PRIMA		SECUNDA		TERTIA		SCRVP.
		nuum		SERIE				LXII.
		E CANONE SI-		Fæcundissimoque		Fæcundissimoque		PART.
		Basis Perpendiculum		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua
		100,000		Basis Hypotenusa		Perpendiculum Hypotenusa		Perpendiculo
		Hypotenusa		100,000		100,000		PERIPHERIA
				Perpendiculum		Basis		commo- Circu-
		RESIDVA						gruus. nusa con- Hypote- lus rectus part. Angu- circuli xc. Quadrans
		Basi						
		congrua						
		load-						

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus. Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000		Basis 100,000		Perpendicularum 100,000		load- dati RESIDVA Basi congrua
		Perpendicularum	Basis	Perpendicularum	Hypotenusa	Basis	Hypotenusa	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
		PART. XXVII.		SERIE SECUNDA		TERTIA		
		SCRVP.						
XXX		45,575	88,701 1	52,057	112,738 2	192,098	216,568	XXX
XXXI		46,201	88,687 7	52,094	112,755 3	191,962	216,447	XXIX
XXXII		46,226	88,674 2	52,131	112,772 4	191,826	216,326	XXVIII
XXXIII		46,252	88,660 8	52,168	112,789 5	191,690	216,205	XXVII
XXXIII		46,278	88,647 3	52,205	112,806 6	191,554	216,085	XXVI
XXXV		46,304	88,633 8	52,242	112,823 7	191,418	215,965	XXV
XXXVI		46,330	88,620 4	52,279	112,840 9	191,282	215,845	XXIII
XXXVII		46,355	88,606 9	52,316	112,858 1	191,147	215,725	XXIII
XXXVIII		46,381	88,593 4	52,353	112,875 2	191,012	215,605	XXII
XXXIX		46,407	88,579 9	52,380	112,892 4	190,876	215,485	XXI
XL		46,433	88,566 4	52,427	112,909 6	190,741	215,366	XX
XLI		46,458	88,552 9	52,464	112,926 8	190,607	215,246	XIX
XLII		46,484	88,539 4	52,501	112,944 1	190,472	215,127	XVIII
XLIII		46,510	88,525 8	52,538	112,961 3	190,337	215,008	XVII
XLIII		46,536	88,512 3	52,575	112,978 6	190,203	214,889	XVI
XLV		46,561	88,498 8	52,612	112,995 9	190,069	214,770	XV
XLVI		46,587	88,485 2	52,650	113,013 2	189,935	214,651	XIII
XLVII		46,613	88,471 7	52,687	113,030 5	189,801	214,532	XIII
XLVIII		46,639	88,458 1	52,724	113,047 9	189,667	214,414	XII
XLIX		46,664	88,444 5	52,761	113,065 2	189,533	214,296	XI
L		46,690	88,431 0	52,798	113,082 6	189,400	214,178	X
LI		46,716	88,417 4	52,835	113,100 0	189,266	214,060	IX
LII		46,742	88,403 8	52,873	113,117 4	189,133	213,942	VIII
LIII		46,767	88,390 2	52,910	113,134 8	189,000	213,824	VII
LIII		46,793	88,376 6	52,947	113,152 2	188,867	213,707	VI
LV		46,719	88,363 0	52,984	113,169 6	188,734	213,590	V
LVI		46,844	88,349 3	53,022	113,187 1	188,607	213,473	III
LVII		46,870	88,335 7	53,059	113,204 5	188,469	213,356	III
LVIII		46,896	88,322 1	53,196	113,222 0	188,337	213,239	II
LIX		46,921	88,308 4	53,134	113,239 5	188,265	213,122	I
LX		46,947	88,294 8	53,171	113,257 0	188,073	213,005	◆
		PRIMA		SECUNDA		TERTIA		SCRVP.
		num		Fæcundissimoque		Fæcundissimoque		LXII.
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.
congrua Basi RESIDVA	dari load-	Basis	Perpendicularum	Basis	Hypotenusa	Hypotenusa	Perpendicularum	congrua Perpendiculo PERIPHERIA commo- Circu-
		100,000	Hypotenusa	100,000	Perpendicularum	100,000	Basis	
TRIANGVLI PLANI RECTANGVLI								



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus  
Hypothe-  
nusa con-  
gruus.

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XXVIII.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis  
E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa  
E CANONE FACVND  
Facundissimòque  
SERIE

SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa  
E CANONE FACVND  
Facundissimòque

TERTIA

load-  
dati

RESIDVA  
Basi  
congrua.

	46,947	88,294 8	53,171	113,257 0	188,073	213,005	LX
I	46,973	88,281 1	53,208	113,274 5	187,941	212,889	LIX
II	46,999	88,267 4	53,245	113,292 1	187,809	212,773	LVIII
III	47,024	88,253 8	53,283	113,309 6	187,677	212,656	LVII
IIII	47,050	88,240 1	53,320	113,327 2	187,546	212,540	LVI
V	47,076	88,226 4	53,358	113,344 8	187,415	212,424	LV
VI	47,101	88,212 7	53,395	113,362 4	187,283	212,309	LIII
VII	47,127	88,199 0	53,432	113,380 0	187,152	212,193	LI
VIII	47,153	88,185 3	53,470	113,397 6	187,021	212,078	LII
IX	47,178	88,171 6	53,507	113,415 3	186,891	211,962	LI
X	47,204	88,157 8	53,545	113,432 9	186,760	211,847	L
XI	47,229	88,144 1	53,582	113,450 6	186,630	211,732	XLIX
XII	47,255	88,130 3	53,619	113,468 3	186,499	211,617	XLVIII
XIII	47,281	88,116 6	53,657	113,486 0	186,369	211,502	XLVII
XIIII	47,306	88,102 8	53,694	113,503 7	186,239	211,388	XLVI
XV	47,332	88,089 1	53,731	113,521 4	186,109	211,273	XLV
XVI	47,358	88,075 3	53,769	113,539 2	185,979	211,159	XLIIII
XVII	47,383	88,061 5	53,807	113,557 0	185,850	211,045	XLIII
XVIII	47,409	88,047 7	53,844	113,574 8	185,720	210,931	XLII
XIX	47,434	88,033 9	53,882	113,592 6	185,591	210,817	XLI
XX	47,460	88,020 1	53,919	113,610 4	185,461	210,704	XL
XXI	47,486	88,006 3	53,957	113,628 2	185,332	210,590	XXXIX
XXII	47,511	87,992 5	53,995	113,646 0	185,204	210,477	XXXVIII
XXIII	47,537	87,978 7	54,032	113,663 9	185,075	210,363	XXXVII
XXIIII	47,562	87,964 9	54,070	113,681 8	184,946	210,250	XXXVI
XXV	47,588	87,951 0	54,107	113,699 7	184,818	210,137	XXXV
XXVI	47,514	87,937 2	54,145	113,717 6	184,689	210,024	XXXIIII
XXVII	47,639	87,923 3	54,183	113,735 5	184,561	209,911	XXXIII
XXVIII	47,665	87,909 5	54,220	113,753 4	184,433	209,798	XXXII
XXIX	47,690	87,895 6	54,258	113,771 3	184,305	209,686	XXXI
XXX	47,716	87,881 7	54,295	113,789 3	184,177	209,574	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA  
SERIE

Facundissimòque  
E CANONE FACVND

Basis Hypotenusa  
100,000  
Perpendiculum

TERTIA

Facundissimòque  
E CANONE FACVND

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LXI.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypothe-  
lus rectus  
part. Angu-  
circulix.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nuse con-  
gruus.

Circu-  
commo-

PERIPHERIA  
Perpendicularo  
congrua

PART.

XXVIII.

SCRVP.

Hypotenusa  
100,000  
Perpendicularum Basis

E CANONE SI-  
nuum

PRIMA

Basis  
100,000  
Perpendicularum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SERIE  
SECUNDA

Perpendicularum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERTIA

load-  
dati

RESIDVA  
Basi  
congrua

XXX	47,716	87,881 7	54,295	113,789 3	184,177	209,574	XXX
XXXI	47,741 <sup>25</sup>	87,867 8 <sup>13 9</sup>	54,333 <sup>30</sup>	113,807 3 <sup>18 9</sup>	184,049 <sup>128</sup>	209,462 <sup>112</sup>	XXIX
XXXII	47,767 <sup>26</sup>	87,853 9 <sup>13 9</sup>	54,371 <sup>38</sup>	113,825 3 <sup>18 0</sup>	183,921 <sup>128</sup>	209,350 <sup>112</sup>	XXVIII
XXXIII	47,793 <sup>26</sup>	87,840 0 <sup>13 9</sup>	54,409 <sup>38</sup>	113,843 3 <sup>18 0</sup>	183,794 <sup>127</sup>	209,238 <sup>112</sup>	XXVII
XXXIII	47,818 <sup>25</sup>	87,826 1 <sup>13 9</sup>	54,446 <sup>37</sup>	113,861 3 <sup>18 0</sup>	183,667 <sup>127</sup>	209,126 <sup>112</sup>	XXVI
XXXV	47,844 <sup>26</sup>	87,812 2 <sup>13 9</sup>	54,484 <sup>38</sup>	113,879 4 <sup>18 1</sup>	183,540 <sup>127</sup>	209,014 <sup>112</sup>	XXV
XXXVI	47,869 <sup>25</sup>	87,798 3 <sup>12 9</sup>	54,522 <sup>38</sup>	113,897 4 <sup>18 0</sup>	183,413 <sup>127</sup>	208,903 <sup>112</sup>	XXIII
XXXVII	47,895 <sup>26</sup>	87,784 4 <sup>13 9</sup>	54,559 <sup>37</sup>	113,915 5 <sup>18 1</sup>	183,286 <sup>127</sup>	208,791 <sup>112</sup>	XXII
XXXVIII	47,920 <sup>25</sup>	87,770 4 <sup>14 0</sup>	54,597 <sup>38</sup>	113,933 6 <sup>18 1</sup>	183,159 <sup>127</sup>	208,680 <sup>111</sup>	XXI
XXXIX	47,946 <sup>25</sup>	87,756 5 <sup>13 9</sup>	54,635 <sup>38</sup>	113,951 7 <sup>18 1</sup>	183,033 <sup>126</sup>	208,569 <sup>111</sup>	XX
XL	47,971 <sup>25</sup>	87,742 6 <sup>13 9</sup>	54,673 <sup>38</sup>	113,969 8 <sup>18 1</sup>	182,906 <sup>127</sup>	208,458 <sup>111</sup>	XIX
XLI	47,997 <sup>26</sup>	87,728 6 <sup>14 0</sup>	54,711 <sup>38</sup>	113,987 9 <sup>18 2</sup>	182,780 <sup>126</sup>	208,347 <sup>111</sup>	XVIII
XLII	48,022 <sup>25</sup>	87,714 6 <sup>14 0</sup>	54,748 <sup>37</sup>	114,006 1 <sup>18 2</sup>	182,654 <sup>126</sup>	208,236 <sup>111</sup>	XVII
XLIII	48,048 <sup>26</sup>	87,700 7 <sup>13 9</sup>	54,786 <sup>37</sup>	114,024 2 <sup>18 2</sup>	182,528 <sup>126</sup>	208,125 <sup>111</sup>	XVI
XLIII	48,073 <sup>25</sup>	78,686 7 <sup>14 0</sup>	54,824 <sup>38</sup>	114,042 4 <sup>18 2</sup>	182,402 <sup>126</sup>	208,015 <sup>110</sup>	XV
XLV	48,099 <sup>26</sup>	87,672 7 <sup>14 0</sup>	54,862 <sup>38</sup>	114,060 6 <sup>18 2</sup>	182,276 <sup>126</sup>	207,905 <sup>110</sup>	XIII
XLVI	48,124 <sup>25</sup>	87,658 7 <sup>14 0</sup>	54,900 <sup>38</sup>	114,078 8 <sup>18 3</sup>	182,150 <sup>126</sup>	207,795 <sup>110</sup>	XII
XLVII	48,150 <sup>26</sup>	87,644 7 <sup>14 0</sup>	54,937 <sup>37</sup>	114,097 0 <sup>18 2</sup>	182,025 <sup>125</sup>	207,684 <sup>110</sup>	XI
XLVIII	48,175 <sup>25</sup>	87,630 7 <sup>14 0</sup>	54,975 <sup>38</sup>	114,115 3 <sup>18 3</sup>	181,899 <sup>125</sup>	207,574 <sup>110</sup>	X
XLIX	48,201 <sup>26</sup>	87,616 7 <sup>14 0</sup>	55,013 <sup>38</sup>	114,133 6 <sup>18 3</sup>	181,774 <sup>125</sup>	207,465 <sup>109</sup>	IX
L	48,226 <sup>25</sup>	87,602 6 <sup>14 1</sup>	55,051 <sup>38</sup>	114,151 8 <sup>18 3</sup>	181,649 <sup>125</sup>	207,356 <sup>109</sup>	VIII
LI	48,252 <sup>26</sup>	87,588 6 <sup>14 1</sup>	55,089 <sup>38</sup>	114,170 1 <sup>18 3</sup>	181,524 <sup>125</sup>	207,246 <sup>109</sup>	VII
LII	48,277 <sup>25</sup>	87,574 5 <sup>14 1</sup>	55,127 <sup>38</sup>	114,188 4 <sup>18 3</sup>	181,399 <sup>125</sup>	207,137 <sup>109</sup>	VI
LIII	48,303 <sup>26</sup>	87,560 5 <sup>14 0</sup>	55,165 <sup>38</sup>	114,206 7 <sup>18 4</sup>	181,274 <sup>125</sup>	207,027 <sup>110</sup>	V
LIII	48,328 <sup>25</sup>	87,546 4 <sup>14 1</sup>	55,203 <sup>38</sup>	114,225 1 <sup>18 4</sup>	181,150 <sup>124</sup>	206,918 <sup>110</sup>	III
LV	48,354 <sup>26</sup>	87,532 3 <sup>14 2</sup>	55,241 <sup>38</sup>	114,243 4 <sup>18 4</sup>	181,025 <sup>124</sup>	206,809 <sup>109</sup>	II
LVI	48,379 <sup>25</sup>	87,518 3 <sup>14 0</sup>	55,279 <sup>38</sup>	114,261 8 <sup>18 4</sup>	180,901 <sup>124</sup>	206,701 <sup>108</sup>	I
LVII	48,405 <sup>26</sup>	87,504 2 <sup>14 5</sup>	55,317 <sup>38</sup>	114,280 2 <sup>18 4</sup>	180,777 <sup>124</sup>	206,592 <sup>109</sup>	
LVIII	48,430 <sup>25</sup>	87,490 1 <sup>14 1</sup>	55,355 <sup>38</sup>	114,298 6 <sup>18 4</sup>	180,653 <sup>124</sup>	206,483 <sup>109</sup>	
LIX	48,456 <sup>26</sup>	87,476 1 <sup>14 1</sup>	55,393 <sup>38</sup>	114,317 0 <sup>18 4</sup>	180,529 <sup>124</sup>	296,375 <sup>108</sup>	
LX	48,481 <sup>25</sup>	87,462 0 <sup>14 1</sup>	55,431 <sup>38</sup>	114,335 4 <sup>18 4</sup>	180,405 <sup>124</sup>	206,267 <sup>108</sup>	

PRIMA

num  
E CANONE SI-

Basis Perpendicularum  
100,000  
Hypotenusa

SECUNDA

SERIE  
Fæcundissimoque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendicularum

TERTIA

Fæcundissimoque  
E CANONE FÆCVNDO

Hypotenusa Perpendicularum  
100,000  
Basis

SCRVP.

LXI.

PART.

congrua  
Perpendicularo  
PERIPHERIA

commo-  
Circu-

gruus.  
nuse con-  
Hypothe-  
lus rectus  
part. Angu-  
circuli xc.  
Quadrans

TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

<p>Quadrans circuli xc. part. Angu- lus rectus Hypothe- nusa con- gruus.</p>	<p>Circu- commo- PERIPHERIA Perpendiculo</p>	<p>Hypotenusa 100,000 Perpendiculum Basis</p>		<p>Basis 100,000 Perpendiculum Hypotenusa</p>		<p>Perpendiculum 100,000 Basis Hypotenusa</p>		<p>load- dari</p>
	<p>PART.</p>	<p>E CANONE SI- num</p>		<p>E CANONE FÆCVNDO Fæcundissimòque SERIE</p>		<p>E CANONE FÆCVNDO Fæcundissimòque</p>		<p>RESIDVA Basi congrua.</p>
	<p>XXIX.</p>	<p>PRIMA</p>		<p>SECYNDÆ</p>		<p>TERTIÆ</p>		
	<p>SCRVP.</p>							
		48,481	87,462 0	55,431	114,335 4	180,405	206,267	LX
I		48,506	87,447 9	55,469	114,353 8	180,281	206,158	LIX
II		48,532	87,433 8	55,507	114,372 3	180,157	206,050	LVIII
III		48,557	87,419 6	55,545	114,390 8	180,034	205,942	LVII
IIII		48,583	87,405 5	55,583	114,409 3	179,911	205,835	LVI
V		48,608	87,391 4	55,621	114,427 8	179,788	205,727	LV
VI		48,634	87,377 2	55,659	114,446 3	179,665	205,619	LIIII
VII		48,659	87,363 1	55,697	114,464 8	179,542	205,512	LIII
VIII		48,684	87,348 9	55,775	114,483 4	179,419	205,405	LII
IX		48,710	87,334 8	55,774	114,502 0	179,296	205,298	LI
X		48,735	87,320 6	55,812	114,520 5	179,174	205,191	L
XI		48,761	87,306 4	55,850	114,539 1	179,051	205,084	XLIX
XII		48,786	87,292 2	55,888	114,557 7	178,929	204,977	XLVIII
XIII		48,811	87,278 0	55,926	114,576 3	178,807	204,870	XLVII
XIIII		48,837	87,263 8	55,964	114,595 0	178,685	204,764	XLVI
XV		48,862	87,249 6	56,003	114,613 7	178,563	204,657	XLV
XVI		48,888	87,235 4	56,041	114,632 4	178,441	204,551	XLIIII
XVII		48,913	87,221 2	56,079	114,651 1	178,319	204,445	XLIII
XVIII		48,938	87,206 0	56,117	114,669 8	178,198	204,339	XLII
XIX		48,964	87,192 7	56,156	114,688 5	178,087	204,233	XLI
XX		48,989	87,178 4	56,194	114,707 3	177,955	204,127	XL
XXI		49,014	87,164 2	56,232	114,726 0	177,834	204,022	XXXIX
XXII		49,040	87,149 9	56,270	114,744 8	177,713	203,917	XXXVIII
XXIII		49,065	87,135 7	56,309	114,763 6	177,592	203,811	XXXVII
XXIIII		49,090	87,121 4	56,347	114,782 4	177,471	203,706	XXXVI
XXV		49,116	87,107 1	56,385	114,801 2	177,351	203,601	XXXV
XXVI		49,141	87,092 8	56,424	114,820 0	177,230	203,496	XXXIIII
XXVII		49,166	87,078 5	56,462	114,838 9	177,110	203,391	XXXIII
XXVIII		49,192	87,064 2	56,500	114,857 7	176,990	203,286	XXXII
XXIX		49,217	87,049 9	56,539	114,876 7	176,869	203,181	XXXI
XXX		49,242	87,035 6	56,577	114,895 6	176,749	203,077	XXX
		PRIMA		SECYNDÆ		TERTIÆ		SCRVP.
		num		Fæcundissimòque		Fæcundissimòque		LX.
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.
congrua Basi RESIDVA	Basis	Perpendiculum		Basis	Hypotenusa	Perpendiculum	Hypotenusa	congrua Perpendiculo PERIPHERIA
	100,000			100,000		100,000		
	Hypotenusa			Perpendiculum		Basis		
dari								commo-
load-								Circu-

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. XXIX. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimóque		E CANONE FÆCVNDO Fæcundissimóque		
		PRIMA		SECUNDA		TERTIA		
XXX		49,242	87,035 6	56,577	114,895 6	176,749	203,077	XXX
XXXI		49,258	87,021 2	56,616	114,914 5	176,630	202,973	XXIX
XXXII		49,933	87,006 9	56,654	114,933 4	176,510	202,869	XXVIII
XXXIII		49,318	86,992 6	56,693	114,952 3	176,390	202,765	XXVII
XXXIII		49,344	86,978 2	56,731	114,971 3	176,271	202,661	XXVI
XXXV		49,369	86,963 9	56,769	114,990 3	176,151	202,557	XXV
XXXVI		49,394	86,949 5	56,808	115,009 3	176,032	202,453	XXIII
XXXVII		49,419	86,935 1	56,846	115,028 3	175,913	202,349	XXIII
XXXVIII		49,445	86,920 7	56,885	115,047 3	175,794	202,246	XXII
XXXIX		49,470	86,906 4	56,923	115,066 3	175,675	202,142	XXI
XL		49,495	86,892 0	56,962	115,085 4	175,556	202,039	XX
XLI		49,521	86,877 6	57,000	115,104 5	175,437	201,936	XIX
XLII		49,546	86,863 2	57,039	115,123 6	175,319	201,833	XVIII
XLIII		49,571	86,848 7	57,078	115,142 7	175,200	201,730	XVII
XLIII		49,596	86,834 3	57,116	115,161 8	175,082	201,628	XVI
XLV		49,622	86,819 9	57,155	115,180 9	174,964	201,525	XV
XLVI		49,647	86,805 4	57,193	115,200 1	174,846	201,422	XIII
XLVII		49,672	86,791 0	57,232	115,219 3	174,728	201,320	XIII
XLVIII		49,697	86,776 6	57,271	115,238 5	174,610	201,218	XII
XLIX		49,723	86,762 1	57,309	115,257 7	174,492	201,116	XI
L		49,748	86,747 6	57,348	115,276 9	174,375	201,014	X
LI		49,773	86,733 1	57,386	115,296 1	174,257	200,912	IX
LII		49,798	86,718 7	57,425	115,315 4	174,140	200,810	VIII
LIII		49,824	86,704 2	57,464	115,334 7	174,022	200,708	VII
LIII		49,849	86,689 7	57,503	115,354 0	173,905	200,607	VI
LV		49,874	86,675 2	57,541	115,373 3	173,788	200,505	V
LVI		49,899	86,660 7	57,580	115,392 6	173,671	200,404	III
LVII		49,924	86,646 2	57,619	115,411 9	173,555	200,303	III
LVIII		49,950	86,631 6	57,657	115,431 3	173,438	200,202	II
LIX		49,975	86,617 1	57,696	115,450 7	173,322	200,101	I
LX		50,000	86,602 5	57,735	115,470 1	173,205	200,000	◆
		PRIMA		SECUNDA		TERTIA		SCRVP.
		num		Fæcundissimóque		Fæcundissimóque		XL
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.
congrua Basi RESIDVA	dati load-	Basis Perpendiculum		Basis Hypotenusa		Hypotenusa Perpendiculum		congrua Perpendiculo PERIPHERIA commo- Circu-
		100,000		100,000		100,000		
		Hypotenusa		Perpendiculum		Basis		
		TRIANGVLI PLANI RECTANGVLI						



# CANON. MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xo.  
part. Angu-  
lus rectus  
Hypothe-  
nusa con-  
gruus.

Circu-  
commo-

PERIPHERIA  
Perpendiculo

PART.

XXX.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis  
E CANONE SI-  
nuum

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa  
E CANONE FÆCVNDO  
Facundissimòque  
SERIE

SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa  
E CANONE FÆCVNDO  
Facundissimòque

TERTIA

lo ad-  
dati

RESIDVA  
Basi  
congrua.

	50,000	86,602 5	57,735	115,470 1	173,205	200,000	LX
I	50,025	86,588 0	57,774	115,489 5	173,089	199,899	LIX
II	50,050	86,573 4	57,813	115,508 9	172,973	199,799	LVIII
III	50,075	86,558 9	57,851	115,528 3	172,857	199,698	LVII
IIII	50,100	86,544 3	57,890	115,547 7	172,741	199,598	LVI
V	50,125	86,529 7	57,929	115,567 2	172,625	199,497	LV
VI	50,151	86,515 1	57,968	115,586 7	172,509	199,397	LIIII
VII	50,176	86,500 6	58,007	115,606 2	172,393	199,298	LIII
VIII	50,201	86,486 0	58,046	115,625 7	172,278	199,198	LII
IX	50,226	86,471 3	58,085	115,645 2	172,163	199,098	LI
X	50,251	86,456 7	58,124	115,664 8	172,047	198,998	L
XI	50,276	86,442 1	58,162	115,684 3	171,932	198,899	XLIX
XII	50,302	86,427 5	58,201	115,703 9	171,817	198,799	XLVIII
XIII	50,327	86,412 8	58,240	115,723 5	171,702	198,699	XLVII
XIIII	50,352	86,398 2	58,279	115,643 1	171,588	198,601	XLVI
XV	50,377	86,383 6	58,318	115,762 8	171,473	198,502	XLV
XVI	50,402	86,368 9	58,357	115,782 4	171,358	198,403	XLIIII
XVII	50,427	86,354 2	58,396	115,802 1	171,244	198,304	XLIII
XVIII	50,452	86,339 6	58,435	115,821 8	171,130	198,205	XLII
XIX	50,477	86,324 9	58,474	115,841 5	171,015	198,106	XLI
XX	50,502	86,310 2	58,513	115,861 2	170,901	198,008	XL
XXI	50,528	86,295 5	58,552	115,880 9	170,787	197,909	XXXIX
XXII	50,553	86,280 8	58,591	115,900 6	170,673	197,811	XXXVIII
XXIII	50,578	86,266 1	58,631	115,920 4	170,560	197,713	XXXVII
XXIIII	50,603	86,251 4	58,670	115,940 2	170,446	197,615	XXXVI
XXV	50,628	86,236 7	58,709	112,960 0	170,332	197,517	XXXV
XXVI	50,653	86,221 9	58,748	116,979 8	170,219	197,420	XXXIIII
XXVII	50,678	86,207 2	58,787	115,999 6	170,116	197,322	XXXIII
XXVIII	50,703	86,192 4	58,826	116,019 5	169,992	197,224	XXXII
XXIX	50,728	86,177 7	58,865	116,039 3	169,879	197,126	XXXI
XXX	50,753	86,162 9	58,905	116,059 2	169,766	197,029	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA  
SERIE

Facundissimòque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendiculum

TERTIA

Facundissimòque  
E CANONE FÆCVNDO

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LIX.

PART.

congrua  
Perpendiculo  
PERIPHERIA

lo ad-  
dati

gruus.  
nusa con-  
Hypothe-  
lus rectus  
part. Angu-  
circulix.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. XXVIII. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Bani congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SECUNDA		TERTIA		
XXX		50,754	86,162 9	58,905	116,059 2	169,766	197,029	XXX
XXXI		50,779	86,148 2	58,944	116,079 1	169,653	196,932	XXIX
XXXII		50,804	86,133 4	58,983	116,099 0	169,541	196,835	XXVIII
XXXIII		50,829	86,118 6	59,022	116,118 9	169,428	196,738	XXVII
XXXIII		50,854	86,103 8	59,061	116,138 9	169,315	196,641	XXVI
XXXV		50,879	86,089 0	59,101	116,158 8	169,203	196,544	XXV
XXXVI		50,904	86,074 2	59,140	116,178 8	169,091	196,448	XXIII
XXXVII		50,929	86,059 4	59,179	116,198 8	168,979	196,351	XXII
XXXVIII		50,954	86,044 6	59,218	116,218 8	168,866	196,255	XXI
XXXIX		50,979	86,029 8	59,258	116,238 8	168,754	196,158	XX
XL		51,004	86,014 9	59,297	116,258 9	168,643	196,062	XIX
XLI		51,029	86,000 1	59,336	116,279 0	168,531	195,966	XVIII
XLII		51,054	85,985 2	59,376	116,299 0	168,419	195,870	XVII
XLIII		51,079	85,970 4	59,415	116,319 1	168,308	195,774	XVI
XLIII		51,104	85,955 5	59,454	116,339 2	168,196	195,678	XV
XLV		51,129	85,940 6	59,494	116,359 3	168,085	195,582	XIII
XLVI		51,154	85,925 8	59,533	116,379 5	167,974	195,487	XII
XLVII		51,179	85,910 9	59,573	116,399 7	167,863	195,391	XI
XLVII		51,204	85,896 0	59,612	116,419 9	167,752	195,296	X
XLIX		51,229	85,881 1	59,651	116,440 1	167,641	195,201	IX
L		51,254	85,866 2	59,691	116,460 3	167,530	195,106	VIII
LI		51,279	85,851 3	59,730	116,480 6	167,419	195,011	VII
LII		51,304	85,836 4	59,769	116,500 8	167,309	194,916	VI
LIII		51,329	85,821 4	59,809	116,521 0	167,198	194,821	V
LIII		51,354	85,806 5	59,849	116,541 3	167,088	194,726	III
LV		51,379	85,791 6	59,888	116,561 6	166,978	194,631	II
LVI		51,404	85,776 6	59,928	116,581 9	166,867	194,537	I
LVII		51,429	85,761 7	59,967	116,602 2	166,757	194,443	
LVIII		51,454	85,746 7	60,007	116,622 6	166,647	194,349	
LIX		51,479	85,731 7	60,046	116,642 9	166,538	194,254	
LX		51,504	85,716 7	60,086	116,663 3	166,428	194,160	
		PRIMA		SECUNDA SERIE		TERTIA		SCRVP.
		num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		LIX.
		Basis Perpendiculum		Basis Hypotenusa		Hypotenusa Perpendiculum		PART.
		100,000		100,000		100,000		congrua
		Hypotenusa		Perpendiculum		Basis		PERIPHERIA
								commo
								Circu-
								gruus. nusa con- Hypothe- lus rectus part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus Hypothe- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua.
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		
		num		Fæcundissimòque		Fæcundissimòque		
		PRIMA		SECUNDA		TERTIA		
XX XI.		SCRVP.						
◆		51,504	85,716 7	60,086	116,663 3	166,428	194,160	LX
I		51,529	85,401 8	60,126	116,683 7	166,318	194,066	LIX
II		51,554	85,686 8	60,165	116,704 1	166,209	193,973	LVIII
III		51,579	85,671 8	60,205	116,724 5	166,099	193,879	LVII
IIII		51,604	85,656 8	60,245	116,745 0	165,990	193,785	LVI
V		51,628	85,641 7	60,284	116,765 5	165,881	193,691	LV
VI		51,653	85,626 7	60,324	116,786 0	165,772	193,598	LIIII
VII		51,678	85,611 7	60,364	116,806 5	165,663	193,505	LIH
VIII		51,703	85,596 7	60,403	116,827 0	165,554	193,412	LI
IX		51,728	85,581 6	60,443	116,847 5	165,445	193,419	L
X		51,753	85,566 6	60,483	116,868 1	165,337	193,226	XLIX
XI		51,778	85,551 6	60,522	116,888 6	165,228	193,133	XLVIII
XII		51,803	85,536 5	60,562	116,909 2	165,120	193,040	XLVII
XIII		51,828	85,521 4	60,602	116,929 8	165,011	193,947	XLVI
XIIII		51,852	85,506 3	60,642	116,950 5	164,903	192,855	XLV
XV		51,877	85,491 2	60,682	116,971 1	164,795	192,762	XLIII
XVI		51,902	85,476 1	60,721	116,991 8	164,687	192,670	XLII
XVII		51,297	85,461 2	60,761	117,012 4	164,579	192,578	XL
XVIII		51,952	85,445 9	60,801	117,033 1	164,471	192,486	XXXIX
XIX		51,977	85,430 8	60,841	117,053 8	164,363	192,394	XXXVIII
XX		52,002	85,415 7	60,881	117,074 6	164,256	192,302	XXXVII
XXI		52,026	85,400 5	60,921	117,095 4	164,148	192,210	XXXVI
XXII		52,051	85,385 4	60,960	117,116 1	164,041	192,118	XXXV
XXIII		52,076	85,370 2	61,000	117,136 9	163,934	192,026	XXXIIII
XXIIII		52,101	85,355 1	61,040	117,157 6	163,826	191,935	XXXIII
XXV		52,126	85,339 9	61,080	117,178 4	163,719	191,843	XXXII
XXVI		52,151	85,324 8	61,120	117,199 3	163,612	191,752	XXXI
XXVII		52,175	85,309 6	61,160	117,220 2	163,505	191,661	XXX
XXVIII		52,200	85,294 4	61,200	117,241 0	163,398	191,570	
XXIX		52,225	85,279 2	61,240	117,261 9	163,292	191,479	
XXX		52,250	85,264 0	61,280	117,282 8	163,185	191,388	
PRIMA		SECUNDA		TERTIA		SCRVP.		LVIII.
num		Fæcundissimòque		Fæcundissimòque		PART.		
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua		
Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		Perpendiculo		
100,000		100,000		100,000		PERIPHERIA		
Hypotenusa		Perpendiculum		Basis		Circu-		
congrua						load-		
RESIDVA								
Basi								
congrua								
Hypothe-								
lus rectus								
part. Angu-								
lulus rectus								
Quadrans								

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypothe- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. XXXI. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMÆ		SECYNDÆ		TERTIÆ		
XXX	52,250	85,264 0	61,280	117,282 8	163,185	191,388	XXX	
XXXI	52,275	85,248 8	61,320	117,303 7	163,079	191,297	XXIX	
XXXII	52,299	85,233 6	61,360	117,324 6	162,972	191,207	XXVIII	
XXXIII	52,324	85,218 4	61,400	117,345 5	162,866	191,116	XXVII	
XXXIII	52,349	85,203 2	61,440	117,366 5	162,790	191,025	XXVI	
XXXV	52,374	85,187 9	61,480	117,387 5	162,654	190,935	XXV	
XXXVI	52,399	85,172 7	61,520	117,408 5	162,548	190,845	XXIII	
XXXVII	52,423	85,157 5	61,560	117,429 5	162,442	190,755	XXIII	
XXXVIII	52,448	85,142 2	61,601	117,450 6	162,336	190,665	XXII	
XXXIX	52,463	85,126 9	61,641	117,471 6	162,230	190,575	XXI	
XL	52,498	85,111 7	61,681	117,492 7	162,125	190,485	XX	
XLI	52,522	85,096 4	61,721	117,513 8	162,019	190,395	XIX	
XLII	52,547	85,081 1	61,761	117,534 9	161,914	190,305	XVIII	
XLIII	52,572	85,065 8	61,801	117,556 0	161,809	190,216	XVII	
XLIII	52,597	85,050 5	61,842	117,577 1	161,703	190,126	XVI	
XLV	52,621	85,035 2	61,882	117,598 3	161,598	190,037	XV	
XLVI	52,646	85,019 9	61,922	117,619 5	161,493	189,948	XIII	
XLVII	52,671	85,004 6	61,962	117,640 7	161,388	189,858	XIII	
XLVIII	52,696	84,989 3	62,003	117,661 9	161,284	189,769	XII	
XLIX	52,720	84,973 9	62,043	117,683 1	161,179	189,680	XI	
L	52,745	84,958 6	62,083	117,704 4	161,074	189,592	X	
LI	52,770	84,943 3	62,124	117,725 6	160,970	189,503	IX	
LII	52,794	84,927 9	62,164	117,746 9	160,865	189,414	VIII	
LIII	52,819	84,912 6	62,204	117,768 2	160,761	189,325	VII	
LIII	52,844	84,897 3	62,245	117,789 5	160,657	189,237	VI	
LV	52,869	84,881 8	62,285	117,810 8	160,553	189,148	V	
LVI	52,993	84,866 4	62,325	117,832 2	160,449	189,060	III	
LVII	52,918	84,851 0	62,366	117,853 6	160,345	188,972	III	
LVIII	52,943	84,835 6	62,406	117,875 0	160,241	188,884	II	
LIX	52,967	84,820 2	62,446	117,896 4	160,137	188,796	I	
LX	52,992	84,804 8	62,487	117,917 8	160,033	188,708	◆	
		PRIMÆ num E CANONE SI-		SECYNDÆ Fæcundissimòque E CANONE FÆCVNDO		TERTIÆ Fæcundissimòque E CANONE FÆCVNDO		SCRVP. LVIII.
		Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Perpendiculum Hypotenusa 100,000 Basis		PART.
		congrua Basi RESIDVA						congrua Perpendiculo PERIPHERIA
		dari load-						commo- Circu-
								gruus. nusa con- Hypote- lus rectus. part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus,

Circu-  
commo-

PERIPHERIA  
perpendicularo  
congrua

PART.

XXXII.

SCRVP.

load-  
dati

RESIDVA  
Basi  
congrua

Hypotenusa  
100,000  
Perpendicularum Basis  
E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendicularum Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimoque  
SERIE  
SECUNDA

Perpendicularum  
100,000  
Basis Hypotenusa  
E CANONE FÆCVNDO  
Fæcundissimoque  
TERTIA

	52,992	84,804 8	62,487	117,917 8	160,033	188,708	LX
I	53,017	84,789 4	62,527	117,939 2	159,930	188,620	LIX
II	53,041	94,774 0	62,568	117,960 7	159,827	188,533	LVIII
III	53,066	84,758 5	62,608	117,982 2	159,723	188,445	LVII
IIII	53,091	84,743 1	62,649	118,003 7	159,620	188,357	LVI
V	53,115	84,727 7	62,689	118,025 3	159,517	188,270	LV
VI	53,140	84,712 2	62,730	118,046 8	159,414	188,183	LIIII
VII	53,164	84,696 7	62,770	118,068 4	159,311	188,095	LIH
VIII	53,189	84,681 3	62,811	118,089 9	159,208	188,008	LII
IX	53,214	84,665 8	62,852	118,111 5	159,105	187,921	LI
X	53,238	84,650 3	62,892	118,133 0	159,002	187,834	L
XI	53,263	84,634 8	62,933	118,154 6	158,900	187,747	XLIX
XII	53,288	84,619 3	62,973	118,176 3	158,797	187,661	XLVIII
XIII	53,312	84,603 8	63,104	118,198 0	158,695	187,574	XLVII
XIIII	53,337	84,588 3	63,055	118,219 7	158,593	187,488	XLVI
XV	53,361	84,572 8	63,095	118,241 4	158,490	187,401	XLV
XVI	53,386	84,557 3	63,136	118,263 1	158,388	187,315	XLIIII
XVII	53,411	84,541 7	63,177	118,284 8	158,286	187,228	XLIII
XVIII	53,435	84,526 2	63,217	118,306 5	158,184	187,142	XLII
XIX	53,460	84,510 6	63,258	118,328 3	158,083	187,056	XLI
XX	53,484	84,495 1	63,299	118,350 1	157,981	186,970	XL
XXI	53,509	84,479 5	63,340	118,371 9	157,879	186,884	XXXIX
XXII	53,534	84,464 0	63,380	118,393 7	157,778	186,798	XXXVIII
XXIII	53,558	84,448 4	63,421	118,415 5	157,676	186,712	XXXVII
XXIIII	53,583	84,432 8	63,462	118,437 4	157,575	186,627	XXXVI
XXV	53,607	84,417 2	63,503	118,459 3	157,474	186,542	XXXV
XXVI	53,632	84,401 6	63,544	118,481 1	157,372	186,457	XXXIIII
XXVII	53,656	84,386 1	63,584	118,503 0	157,271	186,371	XXXIII
XXVIII	53,681	84,370 4	63,625	118,525 0	157,170	186,286	XXXII
XXIX	53,705	84,354 8	63,666	118,547 0	157,069	186,201	XXXI
XXX	53,730	84,339 2	63,707	118,568 9	156,969	186,116	XXX

PRIMA

SECUNDA  
SERIE

TERTIA

SCRVP.

LVII.

num  
E CANONE SI-

Basis Perpendicularum  
100,000  
Hypotenusa

Fæcundissimoque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendicularum

Fæcundissimoque  
E CANONE FÆCVNDO

Perpendicularum Hypotenusa  
100,000  
Basis

PART.

congrua  
Perpendicularo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus  
part. Angu-  
circuli xc.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



TRIANGVLI PLANI RECTANGVLI

1 y



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- grua,	Circu- commo-	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		load- dati
	PERIPHERIA Perpendicularo congrua	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		RESIDVA Basi congrua
	PART. XXXIII.	PRIMÆ		SECUNDÆ		TERTIÆ		
	SCRVP.							
◆		54,464	83,867 1	64,941	119,236 3	153,987	183,608	LX
I		54,488	83,851 2	64,982	119,258 8	153,889	183,526	LIX
II		54,513	83,835 4	65,024	119,281 4	153,791	183,444	LVIII
III		54,537	83,819 5	65,065	119,304 0	153,693	183,362	LVII
IIII		54,561	83,803 6	65,106	119,326 6	153,595	183,280	LVI
V		54,586	83,787 8	65,148	119,349 2	153,497	183,198	LV
VI		54,610	83,771 9	65,189	119,371 8	153,399	183,116	LVIII
VII		54,634	83,756 0	65,231	119,394 4	153,302	183,034	LIII
VIII		54,658	83,740 1	65,272	119,317 1	153,205	182,953	LII
IX		54,683	83,724 2	65,314	119,339 8	153,107	182,871	LI
X		54,708	83,708 3	65,355	119,462 5	153,010	182,790	L
XI		54,732	83,692 4	65,397	119,485 2	152,913	182,708	XLIX
XII		54,756	83,676 4	65,438	119,508 0	152,816	182,627	XLVIII
XIII		54,781	83,660 5	65,480	119,530 7	152,719	182,546	XLVII
XIIII		54,805	83,644 6	65,521	119,553 5	152,622	182,465	XLVI
XV		54,829	83,628 6	65,563	119,576 3	152,525	182,384	XLV
XVI		54,854	83,612 7	65,604	119,599 1	152,429	182,303	XLIIII
XVII		54,878	83,596 7	65,646	119,621 9	152,332	182,222	XLIII
XVIII		54,902	83,580 7	65,688	119,644 8	152,235	182,142	XLII
XIX		54,927	83,564 8	65,729	119,667 7	152,139	182,061	XLI
XX		54,951	83,548 8	65,771	119,690 6	152,043	181,981	XL
XXI		54,975	83,532 8	65,813	119,713 5	151,946	181,900	XXXIX
XXII		55,000	83,516 8	65,854	119,736 4	151,850	181,820	XXXVIII
XXIII		55,024	83,500 8	65,896	119,759 4	151,754	181,739	XXXVII
XXIIII		55,048	83,484 8	65,938	119,782 3	151,658	181,659	XXXVI
XXV		55,072	83,468 8	65,980	119,805 3	151,562	181,579	XXXV
XXVI		55,097	83,452 7	66,021	119,828 3	151,466	181,499	XXXIIII
XXVII		55,121	83,436 7	66,063	119,851 3	151,370	181,420	XXXIII
XXVIII		55,145	83,420 7	66,105	119,874 4	151,275	181,340	XXXII
XXIX		55,169	83,404 6	66,147	119,897 4	151,179	181,260	XXXI
XXX		55,194	83,388 6	66,189	119,920 5	151,084	181,180	XXX
		PRIMÆ		SECUNDÆ SERIE		TERTIÆ		SCRVP. LVI.
		num E CANONE SI-		Fæcundissimoque E CANONE FÆCVNDO		Fæcundissimoque E CANONE FÆCVNDO		PART.
		Basis Perpendicularum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendicularum		Perpendicularum Hypotenusa 100,000 Basis		congrua Perpendicularo PERIPHERIA
		RESIDVA						commo- Circu-
		dati lo ad-						grua, nusa con- Hypote- lus rectus part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



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TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc part. Angu- lus rectus, Hypote- nutz con- gruus.	Circu- commo-  PERIPHERIA Perpendiculo congrua  PART.  XXXIII.  SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dati  RESIDVA Basi congrua	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque			
		PRIMA		SERIE SECUNDA		TERTIA			
XXX	55,194	83,388 6	66,189	119,920 5	151,084	181,180	XXX		
XXXI	55,218 <sup>24</sup>	83,372 5 <sup>16 1</sup>	66,230 <sup>4 1</sup>	119,943 6 <sup>23 1</sup>	150,988 <sup>9 6</sup>	181,100 <sup>8 0</sup>	XXIX		
XXXII	55,242 <sup>24</sup>	83,356 5 <sup>16 0</sup>	66,272 <sup>4 2</sup>	119,966 7 <sup>33 1</sup>	150,893 <sup>9 5</sup>	181,021 <sup>7 9</sup>	XXVIII		
XXXIII	55,266 <sup>24</sup>	83,340 4 <sup>16 1</sup>	66,314 <sup>4 4</sup>	119,989 9 <sup>23 2</sup>	150,797 <sup>9 6</sup>	180,941 <sup>8 0</sup>	XXVII		
XXXIII	55,291 <sup>25</sup>	83,324 3 <sup>16 1</sup>	66,356 <sup>4 2</sup>	120,013 0 <sup>23 1</sup>	150,702 <sup>9 5</sup>	180,862 <sup>7 9</sup>	XXVI		
XXXV	55,315 <sup>24</sup>	83,308 2 <sup>16 1</sup>	66,398 <sup>4 2</sup>	120,036 2 <sup>23 2</sup>	150,607 <sup>9 5</sup>	180,783 <sup>7 9</sup>	XXV		
XXXVI	55,339 <sup>24</sup>	83,292 1 <sup>16 1</sup>	66,440 <sup>4 2</sup>	120,059 4 <sup>23 3</sup>	150,512 <sup>9 5</sup>	180,704 <sup>7 9</sup>	XXIII		
XXXVII	55,363 <sup>24</sup>	83,279 0 <sup>16 1</sup>	66,482 <sup>4 2</sup>	120,082 6 <sup>23 3</sup>	150,417 <sup>9 5</sup>	180,625 <sup>7 9</sup>	XXII		
XXXVIII	55,388 <sup>25</sup>	83,259 9 <sup>16 1</sup>	66,524 <sup>4 2</sup>	120,105 8 <sup>23 2</sup>	150,322 <sup>9 5</sup>	180,546 <sup>7 9</sup>	XXI		
XXXIX	55,412 <sup>24</sup>	83,243 8 <sup>16 1</sup>	66,566 <sup>4 2</sup>	120,129 0 <sup>23 1</sup>	150,228 <sup>9 4</sup>	180,467 <sup>7 9</sup>	XX		
XL	55,436 <sup>24</sup>	83,227 7 <sup>16 1</sup>	66,608 <sup>4 2</sup>	120,152 2 <sup>23 5</sup>	150,123 <sup>9 5</sup>	180,388 <sup>7 9</sup>	XIX		
XLI	55,460 <sup>24</sup>	83,211 6 <sup>16 1</sup>	66,650 <sup>4 3</sup>	120,175 6 <sup>23 3</sup>	150,038 <sup>9 5</sup>	180,309 <sup>7 9</sup>	XVIII		
XLII	55,484 <sup>24</sup>	83,195 4 <sup>16 2</sup>	66,692 <sup>4 2</sup>	120,198 9 <sup>23 3</sup>	149,944 <sup>9 4</sup>	180,221 <sup>7 8</sup>	XVII		
XLIII	55,509 <sup>25</sup>	83,179 3 <sup>16 1</sup>	66,734 <sup>4 2</sup>	120,222 2 <sup>23 3</sup>	149,849 <sup>9 5</sup>	180,152 <sup>7 9</sup>	XVI		
XLIII	55,533 <sup>24</sup>	83,163 1 <sup>16 2</sup>	66,776 <sup>4 2</sup>	120,245 6 <sup>23 4</sup>	149,755 <sup>9 4</sup>	180,074 <sup>7 8</sup>	XV		
XLV	55,557 <sup>24</sup>	83,147 0 <sup>16 1</sup>	66,818 <sup>4 2</sup>	120,269 0 <sup>23 4</sup>	149,661 <sup>9 4</sup>	179,995 <sup>7 9</sup>	XIII		
XLVI	55,581 <sup>24</sup>	83,130 8 <sup>16 2</sup>	66,860 <sup>4 2</sup>	120,292 4 <sup>23 4</sup>	149,566 <sup>9 5</sup>	179,917 <sup>7 8</sup>	XII		
XLVII	55,605 <sup>24</sup>	83,114 6 <sup>16 2</sup>	66,902 <sup>4 2</sup>	120,315 8 <sup>23 4</sup>	149,472 <sup>9 4</sup>	179,839 <sup>7 8</sup>	XI		
XLVIII	55,630 <sup>25</sup>	83,098 4 <sup>16 2</sup>	66,944 <sup>4 2</sup>	120,339 2 <sup>23 4</sup>	149,378 <sup>9 4</sup>	179,761 <sup>7 8</sup>	X		
XLIX	55,654 <sup>24</sup>	83,082 3 <sup>16 1</sup>	66,986 <sup>4 2</sup>	120,362 6 <sup>23 4</sup>	149,284 <sup>9 4</sup>	179,682 <sup>7 9</sup>	IX		
L	55,678 <sup>24</sup>	83,066 1 <sup>16 2</sup>	67,028 <sup>4 2</sup>	120,386 1 <sup>23 5</sup>	149,190 <sup>9 4</sup>	179,604 <sup>7 8</sup>	VIII		
LI	55,702 <sup>24</sup>	83,044 9 <sup>16 2</sup>	67,071 <sup>4 3</sup>	120,409 6 <sup>23 5</sup>	149,097 <sup>9 3</sup>	179,526 <sup>7 8</sup>	VII		
LII	55,726 <sup>24</sup>	83,033 7 <sup>16 2</sup>	67,113 <sup>4 2</sup>	120,433 1 <sup>23 5</sup>	149,003 <sup>9 4</sup>	179,449 <sup>7 7</sup>	VI		
LIII	55,750 <sup>24</sup>	83,017 5 <sup>16 2</sup>	67,155 <sup>4 2</sup>	120,456 6 <sup>23 5</sup>	148,909 <sup>9 4</sup>	179,371 <sup>7 8</sup>	V		
LIII	55,775 <sup>25</sup>	83,001 4 <sup>16 2</sup>	67,197 <sup>4 2</sup>	120,480 2 <sup>23 6</sup>	148,816 <sup>9 3</sup>	179,293 <sup>7 8</sup>	III		
LV	55,799 <sup>24</sup>	82,985 1 <sup>16 3</sup>	67,239 <sup>4 2</sup>	120,503 7 <sup>23 5</sup>	148,722 <sup>9 4</sup>	179,215 <sup>7 8</sup>	II		
LVI	55,823 <sup>24</sup>	82,968 8 <sup>16 3</sup>	67,282 <sup>4 3</sup>	120,527 3 <sup>23 6</sup>	148,629 <sup>9 3</sup>	179,138 <sup>7 7</sup>	I		
LVII	55,847 <sup>24</sup>	82,952 5 <sup>16 3</sup>	67,324 <sup>4 2</sup>	120,550 8 <sup>23 5</sup>	148,536 <sup>9 3</sup>	179,061 <sup>7 7</sup>			
LVIII	55,871 <sup>24</sup>	82,936 3 <sup>16 2</sup>	67,366 <sup>4 2</sup>	120,574 4 <sup>23 6</sup>	148,442 <sup>9 4</sup>	178,984 <sup>7 7</sup>			
LIX	55,895 <sup>24</sup>	82,920 0 <sup>16 3</sup>	67,409 <sup>4 3</sup>	120,598 0 <sup>23 6</sup>	148,349 <sup>9 3</sup>	178,906 <sup>7 8</sup>			
LX	55,919 <sup>24</sup>	82,903 8 <sup>16 2</sup>	67,451 <sup>4 2</sup>	120,621 7 <sup>23 7</sup>	148,256 <sup>9 3</sup>	178,829 <sup>7 7</sup>			
		PRIMA	SECUNDA	TERTIA	SCRVP.				
		num	Fæcundissimòque	Fæcundissimòque	LVI.				
		E CANONE SI-	E CANONE FÆCVNDO	E CANONE FÆCVNDO	PART.				
congrua Basi RESIDVA  dati load-		Basis Perpendiculum	Basis Hypotenusa	Perpendiculum Hypotenusa	congrua Perpendiculo PERIPHERIA				
		100,000	100,000	100,000	gruus.				
		Hypotenusa	Perpendiculum	Basis	num æ con-				



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- uus,	Circu- commo-	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dari
	PERIPHERIA Pe pendiculo congrua	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque SERIE SECUNDA		E CANONE FÆCVNDO Fæcundissimoque TERTIA		RESIDVA Basi congrua
	PART.	PRIMA		SECUNDA		TERTIA		
	XXXIII.							
	SCRVP.							
◆		55,919	82,903 8	67,451	120,621 7	148,256	178,829	LX
I		55,943	82,887 5	67,493	120,645 4	148,163	178,752	LIX
II		55,968	82,871 2	67,536	120,669 2	148,070	178,675	LVIII
III		55,992	82,854 9	67,578	120,692 9	147,977	178,598	LVII
IIII		56,016	82,838 6	67,620	120,716 6	147,885	178,521	LVI
V		56,040	82,822 3	67,663	120,740 3	147,792	178,444	LV
VI		56,064	82,806 0	67,705	120,764 1	147,699	178,368	LIII
VII		56,088	82,789 7	67,748	120,787 9	147,607	178,291	LIH
VIII		56,112	82,773 4	67,790	120,811 7	147,514	178,215	LII
IX		56,136	82,757 1	67,832	120,835 5	147,422	178,138	LI
X		56,160	82,740 8	67,875	120,859 4	147,330	178,062	L
XI		56,184	82,724 4	67,917	120,883 3	147,238	177,986	XLIX
XII		56,208	82,708 1	67,960	120,907 2	147,146	177,910	XLVIII
XIII		56,232	82,691 7	68,002	120,931 1	147,053	177,833	XLVII
XIIII		56,256	82,675 3	68,045	120,955 0	146,962	177,757	XLVI
XV		56,280	82,659 0	68,088	120,979 0	146,870	177,681	XLV
XVI		56,305	82,642 6	68,130	121,003 0	146,778	177,606	XLIII
XVII		56,329	82,626 2	68,173	121,027 0	146,686	177,530	XLII
XVIII		56,353	82,609 8	68,215	121,051 0	146,594	177,454	XXLI
XIX		56,377	82,593 4	68,258	121,075 0	146,502	177,378	XL
XX		56,401	82,577 0	68,301	121,099 1	146,411	177,303	XXXIX
XXI		56,425	82,560 6	68,343	121,123 1	146,320	177,227	XXXVIII
XXII		56,449	82,544 2	68,386	121,147 2	146,229	177,152	XXXVII
XXIII		56,473	82,527 8	68,429	121,171 3	146,138	177,077	XXXVI
XXIIII		56,497	82,511 4	68,471	121,195 5	146,046	177,002	XXXV
XXV		56,521	82,494 9	68,514	121,219 6	145,955	176,926	XXXIIII
XXVI		56,545	82,478 5	68,557	121,243 8	145,864	176,851	XXXIII
XXVII		56,569	82,462 0	68,600	121,268 0	145,773	176,776	XXXII
XXVIII		56,593	82,445 6	68,642	121,292 2	145,682	176,701	XXXI
XXIX		56,617	82,429 1	68,685	121,316 4	145,592	176,626	XXX
XXX		56,641	82,412 6	68,728	121,340 6	145,501	176,552	
PART.		PRIMA		SECUNDA		TERTIA		LV.
congrua RESIDVA		num		Fæcundissimoque		Fæcundissimoque		PART.
dati lo ad-		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		congrua PERIPHERIA
		Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		commo- Circu-
		100,000		100,000		100,000		
		Hypotenusa		Perpendiculum		Basis		

## TRIANGVLI PLANI RECTANGVLI



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Quadrans circuli xc. part. Angu- lus rectus, Hypothe- nusa con- gruus.	Circu- commo-	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		load- dati
	PERIPHERIA Perpendicularo congrua	E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		R E S I D V A Basi congrua
	PART.	XXXIII.		PRIMA		TERTIA		
	SCRVP.							
XXX	56,641	82,412 6	68,728	121,340 6	145,501	176,552	XXX	
XXXI	56,665	82,396 1	68,771	121,364 9	145,410	176,477	XXIX	
XXXII	56,689	82,379 7	68,814	121,389 2	145,320	176,402	XXVIII	
XXXIII	56,713	82,363 2	68,857	121,413 5	145,229	176,327	XXVII	
XXXIII	56,736	82,346 7	68,900	121,437 8	145,139	176,253	XXVI	
XXXV	56,760	82,330 2	68,942	121,462 2	145,049	176,179	XXV	
XXXVI	56,784	82,313 6	68,985	121,486 6	144,958	176,105	XXIII	
XXXVII	56,808	82,297 1	69,028	121,501 0	144,868	176,030	XXII	
XXXVIII	56,832	82,280 6	69,071	121,535 4	144,778	175,956	XXI	
XXXIX	56,856	82,265 0	69,114	121,559 8	144,688	175,882	XX	
XL	56,880	82,247 5	69,157	121,584 2	144,598	175,808	XIX	
XLI	56,904	82,231 0	69,200	121,608 7	144,508	175,734	XVIII	
XLII	56,928	82,214 4	69,243	121,633 2	144,418	175,661	XVII	
XLIII	56,952	82,197 8	69,286	121,657 7	144,329	175,587	XVI	
XLIII	56,976	82,181 3	69,329	121,682 2	144,239	175,513	XV	
XLV	57,000	82,164 7	69,372	121,706 8	144,149	175,439	XIII	
XLVI	57,024	82,148 1	69,415	121,731 4	144,060	175,366	XII	
XLVII	57,047	82,131 5	69,459	121,756 0	143,970	175,292	XI	
XLVIII	57,071	82,114 9	69,502	121,780 6	143,881	175,219	X	
XLIX	57,095	82,098 3	69,545	121,805 2	143,792	175,146	IX	
L	57,119	82,081 7	69,588	121,829 8	143,703	175,073	VIII	
LI	57,143	82,065 1	69,631	121,854 5	143,614	175,000	VII	
LII	57,167	82,048 5	69,675	121,879 2	143,524	174,927	VI	
LIII	57,191	82,031 8	69,718	121,903 9	143,436	174,854	V	
LIII	57,215	82,015 2	69,761	121,928 6	143,347	174,781	III	
LV	57,238	81,998 5	69,804	121,953 4	143,258	174,708	II	
LVI	57,262	81,981 9	69,848	121,978 2	143,169	174,635	I	
LVII	57,286	81,965 2	69,891	122,003 0	143,080	174,562		
LVIII	57,310	81,948 6	69,934	122,027 8	142,992	174,490		
LIX	57,334	81,931 9	69,977	122,052 6	142,903	174,417		
LX	57,358	81,915 2	70,021	122,077 5	142,815	174,345		
PRIMA		SECUNDA		TERTIA		SCRVP.		
nuum		Fæcundissimòque		Fæcundissimòque		LV.		
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.		
Basis	Perpendicularum	Basis	Hypotenusa	Perpendicularum	Hypotenusa	congrua Perpendicularo		
100,000		100,000		100,000		PERIPHERIA		
Hypotenusa		Perpendicularum		Basis		commo- Circu-		
congrua Basi RESIDVA		congrua Hypothe- nusa con- gruus.		congrua Basi congrua		gruus. nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans		
dati load-								

TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xē.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus,

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XXXV.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SECE  
SECUNDA

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERCIA

load-  
dati

RESIDVA  
Basi  
congrua

	57,358	81,955 2	70,021	122,077 5	142,815	174,345	LX
I	57,381 <sup>23</sup>	81,898 <sup>16</sup> 5	70,064 <sup>43</sup>	122,102 <sup>24</sup> 4	142,726 <sup>89</sup>	174,272 <sup>73</sup>	LIX
II	57,405 <sup>24</sup>	81,881 <sup>16</sup> 8	70,107 <sup>43</sup>	122,127 <sup>24</sup> 3	142,638 <sup>88</sup>	174,200 <sup>72</sup>	LVIII
III	57,429 <sup>24</sup>	81,865 <sup>16</sup> 1	70,151 <sup>44</sup>	122,152 <sup>24</sup> 2	142,550 <sup>88</sup>	174,128 <sup>72</sup>	LVII
IIII	57,453 <sup>24</sup>	81,848 <sup>16</sup> 4	70,194 <sup>43</sup>	122,177 <sup>24</sup> 1	142,462 <sup>88</sup>	174,056 <sup>71</sup>	LVI
V	57,477 <sup>24</sup>	81,831 <sup>16</sup> 7	70,238 <sup>44</sup>	122,202 <sup>24</sup> 0	142,374 <sup>88</sup>	173,983 <sup>73</sup>	LV
VI	57,500 <sup>23</sup>	81,815 <sup>16</sup> 0	70,281 <sup>43</sup>	122,227 <sup>25</sup> 0	142,286 <sup>88</sup>	173,911 <sup>72</sup>	LIII
VII	57,524 <sup>24</sup>	81,798 <sup>16</sup> 3	70,325 <sup>44</sup>	122,252 <sup>25</sup> 0	142,198 <sup>88</sup>	173,839 <sup>72</sup>	LIII
VIII	57,548 <sup>24</sup>	81,781 <sup>16</sup> 5	70,368 <sup>43</sup>	122,277 <sup>25</sup> 0	142,110 <sup>88</sup>	173,768 <sup>71</sup>	LII
IX	57,572 <sup>24</sup>	81,764 <sup>16</sup> 8	70,412 <sup>44</sup>	122,302 <sup>25</sup> 0	142,022 <sup>88</sup>	173,696 <sup>72</sup>	LI
X	57,596 <sup>24</sup>	81,748 <sup>16</sup> 0	70,455 <sup>43</sup>	122,327 <sup>25</sup> 1	141,934 <sup>88</sup>	173,624 <sup>72</sup>	L
XI	57,619 <sup>23</sup>	81,731 <sup>16</sup> 3	70,499 <sup>44</sup>	122,352 <sup>25</sup> 2	141,847 <sup>87</sup>	173,552 <sup>72</sup>	XLIX
XII	57,643 <sup>24</sup>	81,714 <sup>16</sup> 5	70,542 <sup>43</sup>	122,377 <sup>25</sup> 3	141,759 <sup>88</sup>	173,481 <sup>71</sup>	XLVIII
XIII	57,667 <sup>24</sup>	81,697 <sup>16</sup> 7	70,586 <sup>44</sup>	122,402 <sup>25</sup> 4	141,672 <sup>87</sup>	173,409 <sup>72</sup>	XLVII
XIIII	57,691 <sup>24</sup>	81,680 <sup>16</sup> 9	70,629 <sup>43</sup>	122,427 <sup>25</sup> 6	141,584 <sup>88</sup>	173,338 <sup>71</sup>	XLVI
XV	57,715 <sup>24</sup>	81,664 <sup>16</sup> 2	70,673 <sup>44</sup>	122,452 <sup>25</sup> 7	141,497 <sup>87</sup>	173,266 <sup>72</sup>	XLV
XVI	57,738 <sup>23</sup>	81,647 <sup>16</sup> 4	70,717 <sup>44</sup>	122,477 <sup>25</sup> 9	141,409 <sup>88</sup>	173,195 <sup>71</sup>	XLIIII
XVII	57,762 <sup>24</sup>	81,630 <sup>16</sup> 6	70,760 <sup>43</sup>	122,503 <sup>25</sup> 1	141,322 <sup>87</sup>	173,124 <sup>72</sup>	XLIII
XVIII	57,786 <sup>24</sup>	81,613 <sup>16</sup> 8	70,804 <sup>44</sup>	122,528 <sup>25</sup> 4	141,235 <sup>87</sup>	173,053 <sup>71</sup>	XLII
XIX	57,810 <sup>24</sup>	81,597 <sup>16</sup> 0	70,848 <sup>44</sup>	122,553 <sup>25</sup> 6	141,148 <sup>87</sup>	172,982 <sup>71</sup>	XLI
XX	57,833 <sup>23</sup>	81,580 <sup>16</sup> 1	70,891 <sup>43</sup>	122,578 <sup>25</sup> 9	141,061 <sup>87</sup>	172,911 <sup>71</sup>	XL
XXI	57,857 <sup>24</sup>	81,563 <sup>16</sup> 3	70,935 <sup>44</sup>	122,604 <sup>25</sup> 2	140,974 <sup>87</sup>	172,840 <sup>71</sup>	XXXIX
XXII	57,881 <sup>24</sup>	81,546 <sup>16</sup> 5	70,979 <sup>44</sup>	122,629 <sup>25</sup> 5	140,887 <sup>87</sup>	172,769 <sup>71</sup>	XXXVIII
XXIII	57,904 <sup>23</sup>	81,529 <sup>16</sup> 7	71,023 <sup>44</sup>	122,654 <sup>25</sup> 8	140,800 <sup>87</sup>	172,698 <sup>71</sup>	XXXVII
XXIIII	57,928 <sup>24</sup>	81,512 <sup>16</sup> 8	71,066 <sup>43</sup>	122,680 <sup>25</sup> 2	140,714 <sup>86</sup>	172,628 <sup>70</sup>	XXXVI
XXV	57,952 <sup>24</sup>	81,495 <sup>16</sup> 9	71,110 <sup>44</sup>	122,705 <sup>25</sup> 5	140,627 <sup>87</sup>	172,557 <sup>71</sup>	XXXV
XXVI	57,976 <sup>24</sup>	81,479 <sup>16</sup> 1	71,154 <sup>44</sup>	122,730 <sup>25</sup> 9	140,540 <sup>87</sup>	172,487 <sup>70</sup>	XXXIIII
XXVII	57,999 <sup>23</sup>	81,462 <sup>16</sup> 2	71,198 <sup>44</sup>	122,756 <sup>25</sup> 3	140,454 <sup>86</sup>	172,416 <sup>71</sup>	XXXIII
XXVIII	58,023 <sup>24</sup>	81,445 <sup>16</sup> 3	71,242 <sup>44</sup>	122,781 <sup>25</sup> 8	140,367 <sup>87</sup>	172,346 <sup>70</sup>	XXXII
XXIX	58,047 <sup>24</sup>	81,428 <sup>16</sup> 4	71,285 <sup>43</sup>	122,807 <sup>25</sup> 2	140,281 <sup>86</sup>	172,275 <sup>71</sup>	XXXI
XXX	58,070 <sup>23</sup>	81,411 <sup>16</sup> 6	71,329 <sup>44</sup>	122,832 <sup>25</sup> 7	140,195 <sup>86</sup>	172,205 <sup>70</sup>	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendiculum  
100,000  
Hypotenusa

SECUNDA

Fæcundissimoque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendiculum

TERCIA

Fæcundissimoque  
E CANONE FÆCVNDO

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LIIII.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus  
part. Angu-  
circuli xē  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nuse con- gruus.	Circu- commo-	Hypotenusa 100,000 Perpendicularum Basis			Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		load. dati								
	PERIPHERIA Perpendiculo congrua	E CANONE SI- num			E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		RESIDVA Basi congrua								
	PART.	PRIMA			SERIE SECUNDA		TERTIA										
	XXXV. SCRVP.																
XXX		58,070	81,411 6	71,329	122,832 7	140,195	172,205	XXX									
XXXI		58,094 <sup>24</sup>	81,394 7 <sup>16 9</sup>	71,373 <sup>44</sup>	122,858 2 <sup>28 5</sup>	140,109 <sup>86</sup>	172,135 <sup>70</sup>	XXIX									
XXXII		58,118 <sup>24</sup>	81,377 8 <sup>16 9</sup>	71,417 <sup>44</sup>	122,883 7 <sup>25 5</sup>	140,022 <sup>87</sup>	172,065 <sup>70</sup>	XXVIII									
XXXIII		58,141 <sup>43</sup>	81,360 8 <sup>17 0</sup>	71,461 <sup>44</sup>	122,909 2 <sup>25 5</sup>	139,936 <sup>86</sup>	171,995 <sup>70</sup>	XXVII									
XXXIII		58,165 <sup>24</sup>	81,343 9 <sup>16 9</sup>	71,505 <sup>44</sup>	122,934 8 <sup>25 6</sup>	139,850 <sup>86</sup>	171,925 <sup>70</sup>	XXVI									
XXXV		58,189 <sup>24</sup>	81,327 0 <sup>16 9</sup>	71,549 <sup>44</sup>	122,960 4 <sup>25 6</sup>	139,764 <sup>86</sup>	171,855 <sup>70</sup>	XXV									
XXXVI		58,212 <sup>23</sup>	81,310 1 <sup>16 9</sup>	71,593 <sup>44</sup>	122,986 0 <sup>25 6</sup>	139,679 <sup>85</sup>	171,785 <sup>70</sup>	XXIV									
XXXVI		58,236 <sup>44</sup>	81,293 1 <sup>17 0</sup>	71,637 <sup>44</sup>	123,011 6 <sup>25 6</sup>	139,593 <sup>86</sup>	171,716 <sup>69</sup>	XXIII									
XXXVIII		58,260 <sup>24</sup>	81,276 2 <sup>16 9</sup>	71,681 <sup>44</sup>	123,037 2 <sup>25 6</sup>	139,507 <sup>86</sup>	171,646 <sup>70</sup>	XXII									
XXXIX		58,283 <sup>23</sup>	81,259 3 <sup>16 9</sup>	71,725 <sup>44</sup>	123,062 9 <sup>25 7</sup>	139,421 <sup>86</sup>	171,576 <sup>70</sup>	XXI									
XL		58,307 <sup>24</sup>	81,242 3 <sup>17 0</sup>	71,769 <sup>44</sup>	123,088 6 <sup>25 7</sup>	139,336 <sup>85</sup>	171,506 <sup>70</sup>	XX									
XLI		58,331 <sup>24</sup>	81,225 4 <sup>16 9</sup>	71,813 <sup>44</sup>	123,114 3 <sup>25 7</sup>	139,250 <sup>86</sup>	171,436 <sup>70</sup>	XIX									
XLII		58,354 <sup>23</sup>	81,208 4 <sup>17 0</sup>	71,857 <sup>44</sup>	123,140 0 <sup>25 7</sup>	139,165 <sup>85</sup>	171,367 <sup>69</sup>	XVIII									
XLIII		58,378 <sup>24</sup>	81,191 4 <sup>17 0</sup>	71,901 <sup>44</sup>	123,165 8 <sup>25 8</sup>	139,079 <sup>86</sup>	171,298 <sup>69</sup>	XVII									
XLIII		58,401 <sup>23</sup>	81,174 4 <sup>17 0</sup>	71,946 <sup>44</sup>	123,191 6 <sup>25 8</sup>	138,994 <sup>85</sup>	171,229 <sup>69</sup>	XVI									
XLV		58,425 <sup>44</sup>	81,157 4 <sup>17 0</sup>	71,990 <sup>44</sup>	123,217 4 <sup>25 8</sup>	138,909 <sup>85</sup>	171,160 <sup>69</sup>	XV									
XLV		58,449 <sup>24</sup>	81,140 4 <sup>17 0</sup>	72,034 <sup>44</sup>	123,243 2 <sup>25 8</sup>	138,824 <sup>85</sup>	171,091 <sup>69</sup>	XIV									
XLVII		58,472 <sup>23</sup>	81,123 4 <sup>17 0</sup>	72,078 <sup>44</sup>	123,269 0 <sup>25 8</sup>	138,738 <sup>86</sup>	171,022 <sup>69</sup>	XIII									
XLVIII		58,496 <sup>24</sup>	81,106 4 <sup>17 0</sup>	72,122 <sup>44</sup>	123,294 9 <sup>25 9</sup>	138,653 <sup>85</sup>	170,953 <sup>69</sup>	XII									
XLIX		58,519 <sup>23</sup>	81,089 4 <sup>17 0</sup>	72,167 <sup>44</sup>	123,320 8 <sup>25 9</sup>	138,568 <sup>85</sup>	170,884 <sup>69</sup>	XI									
L		58,543 <sup>24</sup>	81,072 3 <sup>17 0</sup>	72,211 <sup>44</sup>	123,346 6 <sup>25 8</sup>	138,484 <sup>84</sup>	170,815 <sup>69</sup>	X									
LI		58,567 <sup>24</sup>	81,055 3 <sup>17 0</sup>	72,255 <sup>44</sup>	123,372 5 <sup>25 9</sup>	138,399 <sup>85</sup>	170,746 <sup>69</sup>	IX									
LII		58,590 <sup>23</sup>	81,038 3 <sup>17 0</sup>	72,299 <sup>44</sup>	123,398 5 <sup>26 0</sup>	138,314 <sup>85</sup>	170,677 <sup>69</sup>	VIII									
LIII		58,614 <sup>24</sup>	81,021 2 <sup>17 1</sup>	72,344 <sup>44</sup>	123,424 5 <sup>26 0</sup>	138,229 <sup>85</sup>	170,608 <sup>68</sup>	VII									
LIII		58,637 <sup>23</sup>	81,004 2 <sup>17 0</sup>	72,388 <sup>44</sup>	123,450 5 <sup>26 0</sup>	138,145 <sup>84</sup>	170,540 <sup>68</sup>	VI									
LV		58,661 <sup>24</sup>	80,987 1 <sup>17 1</sup>	72,432 <sup>44</sup>	123,476 5 <sup>26 0</sup>	138,060 <sup>85</sup>	170,471 <sup>68</sup>	V									
LVI		58,684 <sup>23</sup>	80,970 0 <sup>17 1</sup>	72,477 <sup>44</sup>	123,502 5 <sup>26 0</sup>	137,976 <sup>84</sup>	170,403 <sup>68</sup>	III									
LVII		58,708 <sup>24</sup>	80,953 0 <sup>17 0</sup>	72,521 <sup>44</sup>	123,528 5 <sup>26 1</sup>	137,891 <sup>85</sup>	170,335 <sup>68</sup>	III									
LVIII		58,731 <sup>23</sup>	80,935 9 <sup>17 1</sup>	72,565 <sup>44</sup>	123,554 6 <sup>26 1</sup>	137,807 <sup>84</sup>	170,267 <sup>68</sup>	II									
LIX		58,755 <sup>24</sup>	80,918 8 <sup>17 1</sup>	72,610 <sup>44</sup>	123,580 7 <sup>26 1</sup>	137,722 <sup>85</sup>	170,198 <sup>69</sup>	I									
LX		58,779 <sup>24</sup>	80,901 7 <sup>17 1</sup>	72,654 <sup>44</sup>	123,606 8 <sup>26 1</sup>	137,638 <sup>84</sup>	170,130 <sup>63</sup>	◆									
		PRIMA			SECUNDA SERIE		TERTIA		SCRVP.								
		num E CANONE SI-			Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		LIII.								
congrua Basi RESIDVA	dati load-	Basis Perpendicularum 100,000 Hypotenusa			Basis Hypotenusa 100,000 Perpendicularum		Hypotenusa Perpendicularum 100,000 Basis		PART.								
									congrua Perpendiculo PERIPHERIA								
									com mo- Circu-								
TRIANGVLI PLANI RECTANGVLI																	
K																	

gruus.  
nusa con-  
Hypothe-  
lus rectus  
part. Angu-  
circuli xc.  
Quadrans



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus  
Hypothetu-  
sa congrua.

Circu-  
commo-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XXXVI.

SCRVP.

Hypotenusa  
100,000  
Perpendiculum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendiculum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimòque  
SERIE

SECUND

Perpendiculum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimòque

TERTIA

lo ad-  
dati

RESIDVA  
Basi  
congrua.

	58,779	80,901 7	72,654	123,606 8	137,638	170,130	LX
I	58,802	80,884 6	72,699	123,632 9	137,554	170,062	LIX
II	58,826	80,867 5	72,743	123,659 1	137,470	169,994	LVIII
III	58,849	80,850 4	72,788	123,685 2	137,386	169,926	LVII
IIII	58,873	80,833 3	72,832	123,711 4	137,302	169,858	LVI
V	58,896	80,816 1	72,877	123,737 7	137,218	169,790	LV
VI	58,920	80,799 0	72,921	123,763 9	137,134	169,723	LIIII
VII	58,943	80,781 9	72,966	123,790 2	137,050	169,655	LIII
VIII	58,967	80,764 7	73,010	123,816 5	136,967	169,587	LI
IX	58,990	80,747 5	73,055	123,842 8	136,883	169,519	LI
X	59,014	80,730 4	73,100	123,869 1	136,800	169,452	L
XI	59,037	80,713 2	73,144	123,895 4	136,716	169,385	XLIX
XII	59,061	80,696 0	73,189	123,921 8	136,633	169,318	XLVIII
XIII	59,084	80,678 9	73,234	123,948 2	136,549	169,250	XLVII
XIIII	59,108	80,661 7	73,278	123,974 6	136,466	169,183	XLVI
XV	59,131	80,644 5	73,323	124,001 0	136,383	169,116	XLV
XVI	59,154	80,627 3	73,368	124,027 5	136,300	169,049	XLIIII
XVII	59,178	80,610 1	73,413	124,054 0	136,217	168,982	XLIII
XVIII	59,201	80,592 8	73,457	124,080 5	136,134	168,915	XLII
XIX	59,225	80,575 6	73,502	124,107 0	136,051	168,848	XLI
XX	59,248	80,558 4	73,547	124,133 6	135,968	168,781	XL
XXI	59,272	80,541 1	73,592	124,160 2	135,885	168,714	XXXIX
XXII	59,295	80,523 9	73,637	124,186 7	135,802	168,648	XXXVIII
XXIII	59,318	80,606 6	73,681	124,213 3	135,719	168,581	XXXVII
XXIIII	59,342	80,489 4	73,726	124,240 0	135,637	168,515	XXXVI
XXV	59,365	80,472 1	73,771	124,266 6	135,554	168,448	XXXV
XXVI	59,389	80,454 9	73,816	124,293 3	135,472	168,382	XXXIIII
XXVII	59,412	80,437 6	73,861	124,320 0	135,389	168,316	XXXIII
XXVIII	59,436	80,420 3	73,906	124,346 7	135,307	168,250	XXXII
XXIX	59,459	80,403 0	73,951	124,373 5	135,224	168,183	XXXI
XXX	59,482	80,385 7	73,996	124,400 3	135,142	168,117	XXX

PRIMA

E CANONE SI-  
num

Basis Perpendiculum  
100,000  
Hypotenusa

SECUND  
SERIE

E CANONE FÆCVNDO  
Fæcundissimòque

Basis Hypotenusa  
100,000  
Perpendiculum

TERTIA

E CANONE FÆCVNDO  
Fæcundissimòque

Perpendiculum Hypotenusa  
100,000  
Basis

SCRVP.

LIII.

PART.

congrua  
Perpendiculo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypothetu-  
lus rectus  
part. Angu-  
circulix.  
Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

<p>Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.</p>	<p>Circu- commo-</p>	<p>Hypotenusa 100,000</p>	<p>Basis 100,000</p>	<p>Perpendicularum 100,000</p>	<p>lo ad- dari</p>
	<p>PERIPHERIA Perpendicularo congrua</p>	<p>Perpendicularum Basis</p>	<p>Perpendicularum Hypotenusa</p>	<p>Basis Hypotenusa</p>	<p>RESIDVA Basi congrua</p>
	<p>PART.</p>	<p>E CANONE SI- num</p>	<p>E CANONE FÆCVNDO Fæcundissimòque</p>	<p>E CANONE FÆCVNDO Fæcundissimòque</p>	
	<p>XXXVI. SCRVP.</p>	<p>PRIMA</p>	<p>SERIE FÆCVNDA</p>	<p>TERTIA</p>	

XXX	59,482	80,385 7	73,996	124,400 3	135,143	168,117	XXX
XXXI	59,506	80,368 4	74,041	124,427 1	135,060	168,051	XXIX
XXXII	59,529	80,351 1	74,086	124,453 8	134,978	167,985	XXVIII
XXXIII	59,552	80,333 8	74,131	124,480 6	134,896	167,919	XXVII
XXXIIII	59,576	80,316 4	74,176	124,507 5	134,814	167,853	XXVI
XXXV	59,599	80,299 1	74,221	124,534 4	134,732	167,787	XXV
XXXVI	59,623	80,281 8	74,267	124,561 3	134,650	167,722	XXIIII
XXXVII	59,646	80,264 4	74,312	124,588 2	134,568	167,656	XXIII
XXXVIII	59,669	80,247 1	74,357	124,615 2	134,487	167,591	XXII
XXXIX	59,693	80,229 7	74,402	124,642 2	134,405	167,525	XXI
XL	59,716	80,212 3	74,447	124,669 1	134,323	167,460	XX
XLI	59,739	80,194 9	74,492	124,696 1	134,242	167,394	XIX
XLII	59,763	80,177 6	74,538	124,723 2	134,160	167,329	XVIII
XLIII	59,786	80,160 2	74,583	124,750 2	134,079	167,264	XVII
XLIIII	59,809	80,142 8	74,628	124,777 2	133,998	167,199	XVI
XLV	59,832	80,125 4	74,674	124,804 3	133,916	167,133	XV
XLVI	59,856	80,108 0	74,719	124,831 5	133,835	167,068	XIIII
XLVII	59,879	80,090 6	74,764	124,858 6	133,754	167,003	XIII
XLVII I	59,902	80,073 1	74,810	124,885 8	133,673	166,938	XII
XLIX	59,926	80,055 7	74,855	124,913 0	133,592	166,873	XI
L	59,949	80,038 3	74,900	124,940 2	133,511	166,809	X
LI	59,972	80,020 8	74,946	124,967 4	133,430	166,744	IX
LII	59,995	80,003 4	74,991	124,994 7	133,349	166,679	VIII
LIII	60,019	79,985 9	75,037	125,022 0	133,268	166,614	VII
LIIII	60,042	79,968 5	75,082	125,049 3	133,187	166,550	VI
LV	60,065	79,951 0	75,128	125,076 6	133,107	166,485	V
LVI	60,089	79,933 5	75,173	125,103 9	133,026	166,421	IIII
LV II	60,112	79,916 0	75,219	125,131 3	132,946	166,356	III
LVIII	60,135	79,898 6	75,264	125,158 7	132,865	166,292	II
LIX	60,158	79,881 1	75,310	125,186 1	132,785	166,228	I
IX	60,182	79,863 6	75,355	125,213 6	132,704	166,164	◆

<p>congrua Basi RESIDVA</p>	<p>PRIMA</p>	<p>SECUNDA</p>	<p>TERTIA</p>	<p>SCRVP.</p>
	<p>num</p>	<p>SERIE</p>	<p>Fæcundissimòque</p>	<p>LIII.</p>
	<p>E CANONE SI-</p>	<p>Fæcundissimòque</p>	<p>Fæcundissimòque</p>	<p>PART.</p>
	<p>Basis Perpendicularum 100,000 Hypotenusa</p>	<p>E CANONE FÆCVNDO</p>	<p>E CANONE FÆCVNDO</p>	<p>congrua Perpendicularo PERIPHERIA</p>
<p>dati lo dati</p>		<p>Basis Hypotenusa 100,000 Perpendicularum</p>	<p>Hypotenusa Perpendicularum 100,000 Basis</p>	<p>commo- Circu-</p>

## TRIANGVLI PLANI RECTANGVLI



TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus  
Hypothe-  
nusæ con-  
gruus.

Circu-  
comino-

PERIPHERIA  
Perpendiculo  
congrua

PART.

XXXVII.

S C R V P.

*Hypotenusa*  
100,000  
*Perpendicularum* *Basis*

---

E CANONES I-  
num

PRIME

Basis  
100, 000  
Perpendicularum Hypotenusa

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E CANONE FÆCVNDQ  
Fæcundissimôque  
SERIE

SECVNDÆ

*Perpendicularum*  
 100,000  
*Basis Hypotenusa*  
 ECANONE FÆCVND  
 Fæcundissimòque

*TERTIA*

lo ad-  
dati

RESIDVA  
Basi  
congrua.

◆	60, 182	79, 863	6	75, 355	125, 213	6	132, 704	166, 164	LX
I	60, 205	79, 846	0	75, 401	125, 241	0	132, 624	166, 100	LIX
II	60, 228	79, 828	5	75, 447	125, 268	5	132, 544	166, 036	LVIII
III	60, 251	79, 811	0	75, 492	125, 296	0	132, 464	165, 972	LVII
IIII	60, 274	79, 793	5	75, 538	125, 323	5	132, 384	165, 908	LVI
V	60, 298	79, 775	9	75, 584	125, 351	1	132, 304	165, 844	LV
VI	60, 321	79, 758	4	75, 629	125, 378	7	132, 224	165, 780	LVIII
VII	60, 344	79, 740	8	75, 675	125, 406	3	132, 144	165, 716	LIII
VIII	60, 367	79, 723	3	75, 721	125, 433	9	132, 064	165, 653	LII
IX	60, 390	79, 705	7	75, 767	125, 461	5	131, 984	165, 589	LI
X	60, 414	79, 688	2	75, 812	125, 489	2	131, 904	165, 526	L
XI	60, 437	79, 670	6	75, 858	125, 516	9	131, 825	165, 462	XLIX
XII	60, 460	79, 653	0	75, 904	125, 544	6	131, 745	165, 399	XLVIII
XIII	60, 483	79, 635	4	75, 950	125, 572	3	131, 666	165, 335	XLVII
XIIII	60, 506	79, 617	8	75, 996	125, 600	1	131, 586	165, 272	XLVI
XV	60, 529	79, 600	2	76, 042	125, 627	8	131, 507	165, 209	XLV
XVI	60, 553	79, 582	6	76, 088	125, 655	6	131, 427	165, 146	XLIIII
XVII	60, 576	79, 565	0	76, 134	125, 683	4	131, 348	165, 083	XLIII
XVIII	60, 599	79, 547	4	76, 180	125, 711	3	131, 269	165, 020	XLII
XIX	60, 622	79, 529	7	76, 226	125, 739	2	131, 190	164, 957	XLI
XX	60, 645	79, 512	1	76, 272	125, 767	1	131, 110	164, 894	XL
XXI	60, 668	79, 494	4	76, 318	125, 795	0	131, 031	164, 831	XXXIX
XXII	60, 691	79, 476	8	76, 364	125, 822	9	130, 952	164, 768	XXXVIII
XXIII	60, 714	79, 459	1	76, 410	125, 850	9	130, 873	164, 705	XXXVII
XXIIII	60, 738	79, 441	5	76, 456	125, 878	0	130, 795	164, 643	XXXVI
XXV	60, 761	79, 423	8	76, 502	125, 906	9	130, 716	164, 580	XXXV
XXVI	60, 784	79, 406	1	76, 548	125, 934	9	130, 637	164, 518	XXXIIII
XXVII	60, 807	79, 388	4	76, 594	125, 962	9	130, 558	164, 455	XXXIII
XXVIII	60, 830	79, 370	7	76, 640	125, 991	0	130, 480	164, 393	XXXII
XXIX	60, 853	79, 353	0	76, 689	126, 019	1	130, 401	164, 330	XXXI
XXX	60, 876	79, 335	3	76, 733	126, 047	2	130, 323	164, 268	XXX

SCRVP.

LII.

PART.

congrua  
Perpendiculo  
PERIPHERIA

common-  
Circu-

gruus.  
nuxæ con-  
Hypothe-  
los rectus  
part. Angu  
circulixc.  
Quadrans

TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		load- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SERIE SECUNDA		TERTIA		
		PART.						
XXXVII.								
SCRVP.								
XXX		60,876	79,335 3	76,733	126,047 2	130,323	164,268	XXX
XXXI		60,899	79,317 6	76,779	126,075 4	130,244	164,206	XXIX
XXXII		60,922	79,299 9	76,825	126,103 6	130,166	164,144	XXVIII
XXXIII		60,945	79,282 2	76,871	126,131 8	130,087	164,081	XXVII
XXXIII		60,968	79,264 5	76,918	126,160 0	130,009	164,019	XXVI
XXXV		60,991	79,246 7	76,964	126,188 2	129,931	163,957	XXV
XXXVI		61,015	79,229 0	77,010	126,216 5	129,853	163,895	XXIII
XXXVII		61,038	79,211 2	77,057	126,244 8	129,775	163,833	XXIII
XXXVIII		61,061	79,193 5	77,103	126,273 1	129,696	163,772	XXII
XXXIX		61,084	79,175 7	77,149	126,301 4	129,618	163,710	XXI
XL		61,107	79,157 9	77,196	126,329 7	129,541	163,648	XX
XLI		61,130	79,140 1	77,242	126,358 1	129,463	163,586	XIX
XLII		61,153	79,122 4	77,289	126,386 6	129,385	163,525	XVIII
XLIII		61,176	79,104 6	77,335	126,415 0	129,307	163,463	XVII
XLIII		61,199	79,086 8	77,382	126,443 4	129,229	163,402	XVI
XLV		61,222	79,069 0	77,428	126,471 9	129,152	163,340	XV
XLVI		61,245	79,051 1	77,475	126,500 4	129,074	163,279	XIII
XLVII		61,268	79,033 3	77,521	126,529 0	128,997	163,218	XIII
XLVIII		61,291	79,015 5	77,568	126,557 5	128,919	163,157	XII
XLIX		61,314	78,997 7	77,615	126,586 1	128,842	163,096	XI
L		61,337	78,979 8	77,661	126,614 6	128,764	163,035	X
LI		61,360	78,962 0	77,708	126,643 2	128,687	162,974	IX
LII		61,383	78,944 1	77,754	126,671 9	128,610	162,913	VIII
LIII		61,406	78,926 3	77,801	126,700 5	128,533	162,852	VII
LIII		61,429	78,908 4	77,848	126,729 2	128,456	162,791	VI
LV		61,451	78,890 5	77,895	126,757 9	128,379	162,730	V
LVI		61,474	78,872 7	77,941	126,786 6	128,302	162,669	III
LVII		61,497	78,854 8	77,988	126,815 4	128,225	162,608	III
LVIII		61,520	78,836 9	78,035	126,844 2	128,148	162,548	II
LIX		61,543	78,819 0	78,082	126,873 0	128,071	162,487	I
LX		61,566	78,801 1	78,129	126,901 8	127,994	162,427	◆
PRIMA		SECUNDA		TERTIA		SCRVP.		
num		Fæcundissimòque		Fæcundissimòque		LII.		
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.		
Basis Perpendicularum		Basis Hypotenusa		Hypotenusa Perpendicularum		congrua		gruus. nusa con- Hypothe- lus rectus part. Angu- circuli xc. Quadrans
100,000		100,000		100,000		Perpendiculo		
Hypotenusa		Perpendicularum		Basis		PERIPHERIA		
load-		commo-		Circu-		congrua		
TRIANGVLI		RECTANGVLI						



TRIANGVLI PLANI RECTANGVLI

Circu- commo- PERIPHERIA Perpendiculo congrua PART. XX XVIII. SCRVP.		Hypotenusa 100, 000 Perpendiculum Basis E CANONE SI- nuum PRIMA	Basis 100, 000 Perpendiculum Hypotenusa E CANONE FÆCVNDO Fæcundissimòque SERIE SECUNDA	Perpendiculum 100, 000 Basis Hypotenusa E CANONE FÆCVNDO Fæcundissimòque TERTIA	load- dati RESIDVA Basi congrua.
I	61, 566	78, 801	78, 129	126, 901	8
II	61, 589	78, 783	78, 175	126, 930	7
III	61, 612	78, 765	78, 222	126, 959	6
IV	61, 635	78, 747	78, 269	126, 988	5
V	61, 658	78, 729	78, 316	127, 017	4
VI	61, 681	78, 711	78, 363	127, 046	3
VII	61, 703	78, 693	78, 410	127, 075	3
VIII	61, 726	78, 675	78, 457	127, 104	3
IX	61, 749	78, 657	78, 504	127, 133	3
X	61, 772	78, 639	78, 551	127, 162	4
XI	61, 795	78, 621	78, 598	127, 191	4
XII	61, 818	78, 603	78, 645	127, 220	5
XIII	61, 841	78, 585	78, 692	127, 249	6
XIV	61, 864	78, 567	78, 739	127, 278	7
XV	61, 887	78, 549	78, 786	127, 307	9
XVI	61, 909	78, 531	78, 834	127, 337	2
XVII	61, 932	78, 513	78, 881	127, 366	4
XVIII	61, 955	78, 495	78, 928	127, 395	7
XIX	61, 978	78, 477	78, 975	127, 424	9
XX	62, 001	78, 459	79, 022	127, 454	2
XXI	62, 024	78, 441	79, 070	127, 483	4
XXII	62, 046	78, 423	79, 117	127, 512	7
XXIII	62, 069	78, 405	79, 164	127, 542	1
XXIV	62, 092	78, 387	79, 212	127, 571	5
XXV	62, 115	78, 369	79, 259	127, 600	9
XXVI	62, 138	78, 351	79, 306	127, 630	3
XXVII	62, 160	78, 333	79, 354	127, 659	8
XXVIII	62, 183	78, 315	79, 401	127, 689	3
XXIX	62, 206	78, 297	79, 449	127, 718	8
XXX	62, 229	78, 278	79, 496	127, 748	3
XXXI	62, 251	78, 260	79, 544	127, 777	9
XXXII					
XXXIII					
XXXIV					
XXXV					
XXXVI					
XXXVII					
XXXVIII					
XXXIX					
XL					
XLI					
XLII					
XLIII					
XLIV					
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XLIX					
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LXXV					
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LXXVII					
LXXVIII					
LXXIX					
LXXX					
LXXXI					
LXXXII					
LXXXIII					
LXXXIV					
LXXXV					
LXXXVI					
LXXXVII					
LXXXVIII					
LXXXIX					
LXXXX					

TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. XXXVIII. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		Id ad dati RESIDVA Basi congrua
		E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SERIE SECUNDA		TERTIA		
XXX		62,251	78,260 8	79,544	127,777 9	125,717	160,639	XXX
XXXI		62,274	78,242 7	79,591	127,807 5	125,642	160,580	XXIX
XXXII		62,297	78,224 6	79,639	127,837 1	125,567	160,521	XXVIII
XXXIII		62,320	78,206 5	79,686	127,866 7	125,492	160,462	XXVII
XXXIII		62,343	78,188 3	79,734	127,896 4	125,417	160,404	XXVI
XXXV		62,366	78,170 2	79,781	127,926 0	125,343	160,345	XXV
XXXVI		62,388	78,152 1	79,829	127,955 7	125,268	160,287	XXIII
XXXVII		62,411	78,133 9	79,877	127,985 4	125,193	160,229	XXIII
XXXVIII		62,433	78,115 7	79,924	128,015 2	125,119	160,171	XXII
XXXIX		62,456	78,097 6	79,972	128,045 0	125,044	160,112	XXI
XL		62,479	78,079 4	80,020	128,074 8	124,969	160,054	XX
XLI		62,502	78,061 2	80,067	128,104 6	124,895	159,996	XIX
XLII		62,524	78,043 0	80,115	128,134 5	124,820	159,938	XVIII
XLIII		62,547	78,024 9	80,163	128,164 3	124,746	159,880	XVII
XLIII		62,570	78,006 7	80,211	128,194 2	124,672	159,822	XVI
XLV		62,592	77,988 5	80,258	128,224 2	124,597	159,764	XV
XLVI		62,615	77,970 2	80,306	128,254 1	124,523	159,706	XIII
XLVII		62,638	77,952 0	80,354	128,284 1	124,449	159,648	XIII
XLVIII		62,660	77,933 8	80,402	128,314 1	124,375	159,590	XII
XLIX		62,683	77,915 6	80,450	128,344 1	124,301	159,532	XI
L		62,706	77,897 3	80,498	128,374 1	124,227	159,475	X
LI		62,728	77,879 1	80,546	128,404 2	124,153	159,418	IX
LII		62,751	77,860 8	80,594	128,434 3	124,079	159,361	VIII
LIII		62,774	77,842 6	80,642	128,464 4	124,005	159,303	VII
LIII		62,796	77,824 3	80,690	128,494 6	123,931	159,246	VI
LV		62,819	77,806 1	80,738	128,524 8	123,858	159,188	V
LVI		62,842	77,787 8	80,786	128,555 0	123,784	159,130	III
LVII		62,864	77,769 5	80,834	128,585 2	123,710	159,073	III
LVIII		62,887	77,751 2	80,882	128,615 4	123,637	159,016	II
LIX		62,909	77,732 9	80,930	128,645 7	123,563	158,959	I
LX		62,932	77,714 6	80,978	128,676 0	123,490	158,902	◆
		PRIMA nuum E CANONE SI-		SECUNDA SERIE Fæcundissimòque E CANONE FÆCVNDO		TERTIA Fæcundissimòque E CANONE FÆCVNDO		SCRVP. LI. PART.
		Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Hypotenusa Perpendiculum 100,000 Basis		congrua Perpendiculo PERIPHERIA
		Id ad dati						congrua Hypote- nusa con- gruus.
		Circu-						Quadrans

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus Hypothe- nusa con- gruus.	Circu- commo-  PERIPHERIA Perpendiculo congrua  PART.  XXXIX.  SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati  RESIDVA Basi congrua.
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimôque SERIE		E CANONE FÆCVNDO Fæcundissimôque		
		PRIMA		SECUNDA		TERTIA		
I	62,932	77,714 6	80,978	128,676 0	123,490	158,902	LX	
II	62,955	77,696 3	81,027	128,706 3	123,416	158,845	LIX	
III	62,977	77,678 0	81,075	128,736 7	123,343	158,788	LVIII	
IIII	62,999	77,659 7	81,123	128,767 0	123,270	158,731	LVII	
V	63,022	77,641 3	81,171	128,797 4	123,196	158,674	LVI	
VI	63,045	77,623 0	81,220	128,827 8	123,123	158,617	LV	
VII	63,068	77,604 7	81,268	128,858 3	123,050	158,560	LIIII	
VIII	63,090	77,586 3	81,316	128,888 8	122,977	158,503	LIII	
IX	63,113	77,567 9	81,364	128,919 3	122,904	158,447	LII	
X	63,135	77,549 6	81,413	128,949 8	122,831	158,390	LI	
XI	63,158	77,531 2	81,461	128,980 4	122,758	158,333	L	
XII	63,180	77,512 8	81,510	129,011 0	122,685	158,277	XLIX	
XIII	63,203	77,494 5	81,558	129,041 6	122,612	158,221	XLVIII	
XIIII	63,225	77,476 1	81,606	129,072 2	122,539	158,164	XLVII	
XV	63,248	77,457 7	81,655	129,102 8	122,467	158,108	XLVI	
XVI	63,271	77,439 3	81,703	129,133 5	122,394	158,051	XLV	
XVII	63,293	77,420 9	81,752	129,164 2	122,321	157,995	XLIIII	
XVIII	63,316	77,402 4	81,800	129,194 9	122,249	157,939	XLIII	
XIX	63,338	77,384 0	81,846	129,225 7	122,176	157,883	XLII	
XX	63,361	77,365 6	81,898	129,256 5	122,104	157,827	XLI	
XXI	63,383	77,347 2	81,946	129,287 3	122,031	157,771	XL	
XXII	63,406	77,328 7	81,995	129,318 2	121,959	157,715	XXXIX	
XXIII	63,428	77,310 3	82,044	129,349 0	121,887	157,659	XXXVIII	
XXIIII	63,451	77,291 8	82,092	129,379 9	121,814	157,603	XXXVII	
XXV	63,473	77,273 4	82,141	129,410 7	121,742	157,547	XXXVI	
XXVI	63,496	77,254 9	82,190	129,441 6	121,670	157,491	XXXV	
XXVII	63,518	77,236 4	82,238	129,472 6	121,598	157,436	XXXIIII	
XXVIII	63,540	77,217 9	82,287	129,503 6	121,526	157,380	XXXIII	
XXIX	63,563	77,199 5	82,336	129,534 6	121,454	157,324	XXXII	
XXX	63,585	77,181 0	82,385	129,565 7	121,382	157,268	XXXI	
	63,608	77,162 5	82,434	129,596 7	121,310	157,213	XXX	
PRIMA		SECUNDA		TERTIA		SCRVP.		
num		Fæcundissimôque		Fæcundissimôque		L.		
E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		PART.		
Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa	congrua	gruus. nusa con- Hypothe- lus rectus part. Angu- circulixc. Quadrans	
100,000		100,000		100,000		PERIPHERIA		
Hypotenusa		Perpendiculum		Basis		commo-		
						Circu-		

## TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypothe- nusa con- gruus.	Circu- commo-	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati							
	PERIPHERIA Perpendiculo congrua	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque		E CANONE FÆCVNDO Fæcundissimòque		RESIDVA Basi congrua							
	PART.	XXXIX.		SERIE SECUNDA		TERTIA									
	SCRVP.	PRIMA		SECUNDA		TERTIA									
XXX		63,608	77,162 5	82,434	129,596 7	121,310	157,213	XXX							
XXXI		63,630	77,144 0	82,483	129,627 8	121,238	157,158	XXIX							
XXXII		63,653	77,125 4	82,531	129,658 9	121,166	157,103	XXVIII							
XXXIII		63,675	77,106 9	82,580	129,690 1	121,094	157,047	XXVII							
XXXIII		63,698	77,088 4	82,629	129,721 2	121,022	156,992	XXVI							
XXXV		63,720	77,069 9	82,678	129,752 4	120,951	156,936	XXV							
XXXVI		63,742	77,051 3	82,727	129,783 7	120,879	156,881	XXIII							
XXXVII		63,765	77,032 8	82,776	129,814 9	120,808	156,826	XXIII							
XXXVIII		63,787	77,014 2	82,825	129,846 2	120,736	156,771	XXII							
XXXIX		63,810	76,995 7	82,874	129,877 5	120,665	156,716	XXI							
XL		63,832	76,977 1	82,923	129,908 8	120,593	156,661	XX							
XLI		63,854	76,958 5	82,972	129,940 1	120,522	156,606	XIX							
XLII		63,877	76,940 0	83,022	129,971 5	120,451	156,551	XVIII							
XLIII		63,899	76,921 4	83,071	130,002 9	120,379	156,496	XVII							
XLIII		63,922	76,902 8	83,120	130,034 4	120,308	156,442	XVI							
XLV		63,944	76,884 2	83,169	130,065 9	120,237	156,387	XV							
XLVI		63,966	76,865 6	83,218	130,097 4	120,166	156,332	XIII							
XLVII		63,989	79,846 9	83,268	130,128 8	120,095	156,277	XIII							
XLVIII		64,011	76,828 3	83,317	130,160 3	120,024	156,223	XII							
XLIX		64,033	77,809 7	83,366	130,191 8	119,953	156,168	XI							
L		64,056	76,791 1	83,415	130,223 4	119,882	156,114	X							
LI		64,078	76,772 5	83,465	130,255 0	119,811	156,059	IX							
LII		64,100	76,753 8	83,514	130,286 7	119,740	156,005	VIII							
LIII		64,123	76,735 2	83,564	130,318 4	119,669	155,951	VII							
LIII		64,145	76,716 5	83,613	130,350 1	119,599	155,897	VI							
LV		64,167	76,697 9	83,662	130,381 8	119,528	155,843	V							
LVI		64,190	76,679 2	83,712	130,413 5	119,457	155,789	III							
LVII		64,212	76,660 5	83,761	130,445 3	119,387	155,734	III							
LVIII		64,234	76,641 8	83,811	130,477 1	119,316	155,680	II							
LIX		64,256	76,623 1	83,860	130,508 9	119,246	155,626	I							
LX		64,279	76,604 5	83,910	130,540 8	119,175	155,572	♦							
		PRIMA		SERIE SECUNDA		TERTIA		SCRVP.							
		num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		L.							
congrua Basi RESIDVA	dati load-	Basis Perpendiculum		Basis Hypotenusa		Perpendiculum Hypotenusa		PART.							
		100,000		100,000		100,000		congrua Perpendiculo PERIPHERIA							
		Hypotenusa		Perpendiculum		Basis		commo- Circu-							
TRIANGVLI PLANI RECTANGVLI															
L															

gruus.  
nuse con-  
Hypote-  
lus rectus.  
part. Angu-  
circuli xc.  
Quadrans



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo-	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		load- dati
	PERIPHERIA Perpendiculo congrua							RESIDVA Basi congrua
	PART.	E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
	XL.  SCRVP.	PRIMA		SERIE SECUNDA		TERTIA		
◆		64,279	76,604 5	83,910	130,540 8	119,175	155,572	LX
I		64,301	76,585 8	83,960	130,572 7	119,105	155,518	LIX
II		64,323	76,567 0	84,009	130,604 6	119,035	155,465	LVIII
III		64,346	76,548 3	84,059	130,636 5	118,964	155,411	LVII
IIII		64,368	76,529 6	84,108	130,668 4	118,894	155,357	LVI
V		64,390	76,510 9	84,158	130,700 4	118,824	155,303	LV
VI		64,412	76,492 2	84,208	130,732 4	118,754	155,249	LIIII
VII		64,425	76,473 4	84,258	130,764 5	118,684	155,196	LIII
VIII		64,457	76,454 7	84,307	130,796 5	118,614	155,143	LII
IX		64,479	76,435 9	84,357	130,828 6	118,544	155,089	LI
X		64,501	76,417 2	84,407	130,860 7	118,474	155,036	L
XI		64,524	76,398 4	84,457	130,892 8	118,404	154,982	XLIX
XII		64,546	76,379 6	84,507	130,925 0	118,334	154,929	XLVIII
XIII		64,568	76,360 8	84,556	130,957 2	118,264	154,875	XLVII
XIIII		64,590	76,342 0	84,606	130,989 4	118,194	154,822	XLVI
XV		64,612	76,323 3	84,656	131,021 7	118,125	154,769	XLV
XVI		64,635	76,304 5	84,706	131,054 0	118,055	154,716	XLIIII
XVII		64,657	76,285 6	84,756	131,086 3	117,986	154,663	XLIII
XVIII		64,679	76,266 8	84,806	131,118 6	117,916	154,610	XLII
XIX		64,701	76,248 0	84,856	131,150 9	117,846	154,557	XLI
XX		64,723	76,229 2	84,906	131,183 4	117,777	154,504	XL
XXI		64,746	76,210 4	84,956	131,215 8	117,708	154,451	XXXIX
XXII		64,768	76,191 5	85,006	131,248 2	117,638	154,398	XXXVIII
XXIII		64,790	76,172 7	85,057	131,280 7	117,569	154,345	XXXVII
XXIIII		64,812	76,153 8	85,107	131,313 2	117,500	154,292	XXXVI
XXV		64,834	76,135 0	85,157	131,345 7	117,430	154,239	XXXV
XXVI		64,856	76,116 1	85,207	131,378 3	117,361	154,187	XXXIIII
XXVII		64,878	76,097 3	85,257	131,410 9	117,292	154,134	XXXIII
XXVIII		64,901	76,078 4	85,308	131,443 5	117,223	154,082	XXXII
XXIX		64,923	76,059 5	85,358	131,476 1	117,154	154,029	XXXI
XXX		64,945	76,040 6	85,408	131,508 7	117,085	153,977	XXX
		PRIMA nuum E CANONE SI-		SECUNDA SERIE Fæcundissimoque E CANONE FÆCVNDO		TERTIA Fæcundissimoque E CANONE FÆCVNDO		SCRVP. XLIX. PART.
congrua Basi RESIDVA		Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Hypotenusa Perpendiculum 100,000 Basis		congrua Perpendiculo PERIPHERIA commo- Circu-
dati								gruus. nusa con- Hypote- lus rectus part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa .con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dati RESIDVA Basi congrua
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimóque		E CANONE FÆCVNDO Fæcundissimóque		
		PRIMA		SERIE SECUNDA		TERTIA		
		PART. XL. SCRVP.						
XXX		64,945	76,040 6	85,408	131,508 7	117,085	153,977	XXX
XXXI		64,967	76,021 7	85,458	131,541 4	117,016	153,924	XXIX
XXXII		64,989	76,002 8	85,509	131,574 1	116,947	153,872	XXVIII
XXXIII		65,011	75,983 9	85,559	131,606 8	116,878	153,820	XXVII
XXXIII		65,033	75,965 0	85,609	131,639 6	116,809	153,768	XXVI
XXXV		65,055	75,946 1	85,660	131,672 4	116,741	153,715	XXV
XXXVI		65,077	75,927 1	85,710	131,705 3	116,672	153,663	XXIII
XXXVII		65,100	75,908 2	85,761	131,738 2	116,603	153,611	XXIII
XXXVIII		65,122	75,889 3	85,811	131,771 0	116,535	153,559	XXII
XXXIX		65,144	75,870 3	85,862	131,803 9	116,466	153,507	XXI
XL		65,166	75,851 4	85,912	131,836 8	116,398	153,455	XX
XLI		65,188	75,832 4	85,963	131,869 8	116,329	153,403	XIX
XLII		65,210	75,813 4	86,014	131,902 7	116,261	153,351	XVIII
XLIII		65,232	75,794 5	86,064	131,935 7	116,192	153,299	XVII
XLIII		65,254	75,775 5	86,115	131,968 8	116,124	153,247	XVI
XLV		65,276	75,756 5	86,165	132,001 8	116,056	153,195	XV
XLVI		65,298	75,737 5	86,216	132,034 9	115,987	153,144	XIII
XLVII		65,320	75,718 5	86,267	132,068 0	115,919	153,093	XIII
XLVIII		65,342	75,699 5	86,318	132,101 2	115,851	153,041	XII
XLIX		65,364	75,680 5	86,368	132,134 4	115,783	152,989	XI
L		65,386	75,661 5	86,419	132,167 6	115,715	152,938	X
LI		65,408	75,642 5	86,470	132,200 9	115,647	152,886	IX
LII		65,430	75,623 4	86,521	132,234 2	115,579	152,835	VIII
LIII		65,452	75,604 4	86,572	132,267 5	115,511	152,783	VII
LIII		65,474	75,585 4	86,623	132,300 8	115,443	152,732	VI
LV		65,496	75,566 3	86,674	132,334 1	115,375	152,681	V
LVI		65,518	75,547 2	86,725	132,367 5	115,308	152,630	III
LVII		65,540	75,528 2	86,766	132,400 9	115,240	152,578	III
LVIII		65,562	75,509 1	86,827	132,434 4	115,172	152,527	II
LIX		65,584	75,490 0	86,878	132,467 8	115,104	152,476	I
LX		65,606	75,471 0	86,929	132,501 3	115,037	152,425	◆

congrua Basi RESIDVA  dati lo ad-	PRIMA		SECUNDA SERIE		TERTIA		SCRVP. XLIX. PART.	
	num E CANONE SI-		Fæcundissimòque E CANONE FÆCVNDO		Fæcundissimòque E CANONE FÆCVNDO		congrua Perpendiculo PERIPHERIA  commo- Circu-	
	Basis	Perpendicularum	Basis	Hypotenusa	Hypotenusa	Perpendicularum		
	100,000		100,000		100,000			
	Hypotenusa		Perpendicularum		Basis			

## TRIANGVLI PLANI RECTANGVLI



CANON MATHEMATICVS,

TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus  
Hypothe-  
nusa con-  
gruus.

Circu-  
commo-

PERIPHERIA  
Perpendicularo  
congrua

PART.

XLI.

SCRVP.

Hypotenusa  
100,000  
Perpendicularum Basis

E CANONE SI-  
num

PRIMA

Basis  
100,000  
Perpendicularum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SERIE  
SECUNDA

Perpendicularum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERCIA

load-  
dati

RESIDVA  
Basi  
congrua.

	65,606	75,471 0	86,929	132,501 3	115,037	152,425	LX
I	65,628	75,451 9	86,980	132,534 8	114,969	152,374	LIX
II	65,650	75,432 8	87,031	132,568 4	114,902	152,323	LVIII
III	65,672	75,413 7	87,082	132,601 9	114,834	152,272	LVII
IIII	65,694	75,394 6	87,133	132,635 5	114,767	152,222	LVI
V	65,716	75,375 5	87,184	132,669 2	114,700	152,171	LV
VI	65,738	75,356 3	87,236	132,702 8	114,632	152,120	LIIV
VII	65,759	75,537 2	87,287	132,736 5	114,565	152,069	LIH
VIII	65,781	75,318 1	87,338	132,770 2	114,498	152,019	LI
IX	65,803	75,298 9	87,389	132,804 0	114,430	151,968	LI
X	65,825	75,279 8	87,441	132,837 8	114,363	151,918	L
XI	65,847	75,260 7	87,492	132,871 6	114,296	151,867	XLIX
XII	65,869	75,241 5	87,543	132,905 4	114,229	151,817	XLVIII
XIII	65,891	75,222 3	87,595	132,939 2	114,162	151,766	XLVII
XIIII	65,913	75,203 2	87,646	132,973 1	114,095	151,716	XLVI
XV	65,935	75,184 0	87,698	133,007 0	114,028	151,665	XLV
XVI	65,956	75,164 8	87,749	133,041 0	113,961	151,615	XLIIII
XVII	65,978	75,145 6	87,801	133,075 0	113,894	151,565	XLIII
XVIII	66,000	75,126 4	87,852	133,109 0	113,828	151,515	XLII
XIX	66,022	75,107 2	87,904	133,143 0	113,761	151,465	XLI
XX	66,044	75,088 0	87,955	133,177 1	113,694	151,415	XL
XXI	66,066	75,068 8	88,007	133,211 2	113,627	151,364	XXXIX
XXII	66,088	75,049 6	88,059	133,245 3	113,561	151,314	XXXVIII
XXIII	66,109	75,030 3	88,110	133,279 4	113,494	151,264	XXXVII
XXIIII	66,131	75,011 1	88,162	133,313 6	113,428	151,215	XXXVI
XXV	66,153	74,991 9	88,214	133,347 8	113,361	151,165	XXXV
XXVI	66,175	74,972 6	88,265	133,382 0	113,295	151,115	XXXIIII
XXVII	66,197	74,953 4	88,317	133,416 3	113,229	151,065	XXXIII
XXVIII	66,218	74,934 1	88,369	133,450 6	113,162	151,015	XXXII
XXIX	66,240	74,914 8	88,421	133,484 9	113,096	150,965	XXXI
XXX	66,262	74,895 6	88,473	133,519 2	113,029	150,916	XXX

PRIMA

E CANONE SI-

Basis Perpendicularum  
100,000  
Hypotenusa

SECUNDA  
SERIE

E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendicularum

TERCIA

E CANONE FÆCVNDO

Perpendicularum Hypotenusa  
100,000  
Basis

SCRVP.

XLVIII.

PART.

congrua  
Perpendicularo  
PERIPHERIA

commo-  
Circu-

gruus.  
nusa con-  
Hypothe-  
lus rectus  
part. Angu-  
circulix.  
Quadrans

TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypothe- nusa con- gruus.	Circu- commo-  PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		lo ad- dati  RESIDVA Basi congrua	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque			
		PRIMA		SERIE SECUNDA		TERTIA			
		PART. XLI.  SCRVP.							
XXX		66,262	74,895 6	88,473	133,519 2	113,029	150,916	XXX	
XXXI		66,284	74,876 3	88,524	133,553 6	112,963	150,866	XXIX	
XXXII		66,306	74,857 0	88,576	133,588 0	112,897	150,817	XXVIII	
XXXIII		66,327	74,837 7	88,628	133,622 4	112,831	150,767	XXVII	
XXXIII		66,349	74,818 4	88,680	133,656 9	112,765	150,718	XXVI	
XXXV		66,371	74,799 1	88,732	133,691 4	112,699	150,668	AXX	
XXXVI		66,393	74,779 8	88,784	133,725 9	112,633	150,619	IIIIXX	
XXXVII		66,414	74,760 5	88,836	133,760 5	112,567	150,570	XXIII	
XXXVIII		66,436	74,741 2	88,888	133,795 1	112,501	150,521	XXII	
XXXIX		66,458	74,721 8	88,940	133,829 7	112,435	150,471	XXI	
XL		66,480	74,702 5	88,992	133,864 3	112,369	150,422	XX	
XLI		66,501	74,683 2	89,045	133,899 0	112,303	150,373	XIX	
XLII		66,523	74,663 8	89,097	133,933 8	112,238	150,324	XVIII	
XLIII		66,545	74,644 5	89,149	133,968 5	112,172	150,275	XVII	
XLIII		66,566	74,625 1	89,201	134,003 2	112,106	150,226	XVI	
XLV		66,588	74,605 7	89,253	134,038 0	112,041	150,177	XV	
XLVI		66,610	74,586 4	89,306	134,072 8	111,975	150,128	XIIII	
XLVII		66,632	74,567 0	89,358	134,107 6	111,909	150,079	XIII	
XLVIII		66,653	74,547 6	89,410	134,142 5	111,844	150,030	XII	
XLIX		66,675	74,528 2	89,463	134,177 4	111,778	149,981	XI	
L		66,697	74,508 8	89,515	134,212 3	111,713	149,933	X	
LI		66,718	74,489 4	89,567	134,247 3	111,648	149,884	IX	
LII		66,740	74,470 0	89,620	134,282 3	111,582	149,835	VIII	
LIII		66,762	74,450 6	89,672	134,317 3	111,517	149,786	VII	
LIII		66,783	74,431 2	89,725	134,352 3	111,452	149,738	VI	
LV		66,805	74,411 7	89,777	134,387 4	111,387	149,689	V	
LVI		66,827	74,392 3	89,830	134,422 5	111,321	149,641	IIII	
LVII		66,848	74,372 8	89,883	134,457 6	111,256	149,592	III	
LVIII		66,870	74,353 4	89,935	134,492 8	111,191	149,544	II	
LIX		66,891	74,333 9	89,988	134,528 0	111,126	149,496	I	
LX		66,913	74,314 5	90,040	134,563 3	111,061	149,448	◆	
		PRIMA		SECUNDA SERIE		TERTIA		SCRVP. XLVIII.	
congrua Basi RESIDVA	dati lo ad-	num E CANONE SI-		Fæcundissimoque E CANONE FÆCVNDO		Fæcundissimoque E CANONE FÆCVNDO		PART.  congrua Perpendiculo PERIPHERIA  commo- Circu-	
		Basis Perpendiculum 100,000 Hypotenusa		Basis Hypotenusa 100,000 Perpendiculum		Perpendiculum Hypotenusa 100,000 Basis			
TRIANGVLI PLANI RECTANGVLI									



TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lus rectus,  
Hypote-  
nusa con-  
gruus,

gruus.  
nusa con-  
Hypote-  
lus rectus  
part. Angu  
circuli xc.  
Quadrans

gruus.  
nusa con-  
Hypote-  
lus rectus  
part. Angu  
circuli xc.  
Quadrans

TRIANGVLI PLANI RECTANGVLI



SEV, AD TRIANGVLA.

TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypothe- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua	Hypotenusa 100,000		Basis 100,000		Perpendiculum 100,000		lo ad- dati RESIDVA Basi congrua
		Perpendiculum	Basis	Perpendiculum	Hypotenusa	Basis	Hypotenusa	
		E CANONE SI- nuum		E CANONE FÆCVNDO Fæcundissimoque		E CANONE FÆCVNDO Fæcundissimoque		
		PART. XLII.		SERIE SECYND A		TERTIA		
		SCRVP.		PRIMA				

XXX	67,559	73,727 7	91,633	135,634 2	109,131	148,019	XXX
XXXI	67,580	73,708 1	91,687	135,670 4	108,967	147,972	XXIX
XXXII	67,602	73,688 4	91,740	135,706 5	108,903	147,925	XXVIII
XXXIII	67,623	73,668 7	91,794	135,742 7	108,940	147,878	XXVII
XXXIII	67,645	73,649 1	91,847	135,779 0	108,876	147,831	XXVI
XXXV	67,666	73,629 4	91,901	135,815 3	108,813	147,784	XXV
XXXVI	67,688	73,609 7	91,955	135,851 6	108,749	147,738	XXIII
XXXVII	67,709	73,590 0	92,008	135,888 0	108,686	147,691	XXII
XXXVIII	67,730	73,570 3	92,062	135,924 4	108,622	147,644	XXI
XXXIX	67,752	73,550 6	92,116	135,960 8	108,559	147,597	XX
XL	67,773	73,530 9	92,170	135,997 2	108,496	147,551	XIX
XLI	67,795	73,511 2	92,223	136,033 7	108,433	147,504	XVIII
XLII	67,816	73,491 5	92,277	136,070 2	108,369	147,458	XVII
XLIII	67,837	73,471 7	92,331	136,106 7	108,306	147,412	XVI
XLIII	67,859	73,452 0	92,385	136,143 3	108,243	147,366	XV
XLV	67,880	73,432 3	92,439	136,179 9	108,179	147,319	XIII
XLVI	67,901	73,412 5	92,493	136,216 6	108,116	147,272	XII
XLVII	67,923	73,392 7	92,547	136,253 2	108,053	147,226	XI
XLVIII	67,944	73,373 0	92,601	136,289 9	107,990	147,180	X
XLIX	67,965	73,353 2	92,655	136,326 6	107,927	147,133	IX
L	67,987	73,333 5	92,709	136,363 4	107,864	147,087	VIII
LI	68,008	73,313 7	92,763	136,400 2	107,801	147,041	VII
LII	68,029	73,293 9	92,817	136,437 0	107,738	146,995	VI
LIII	68,051	73,274 1	92,872	136,473 9	107,676	146,949	V
LIII	68,072	73,254 3	92,926	136,510 8	107,613	146,903	III
LV	68,093	73,234 5	92,980	136,547 7	107,550	146,857	II
LVI	68,115	73,214 7	93,034	136,584 6	107,487	146,811	I
LVII	68,136	73,194 9	93,088	136,621 6	107,425	146,765	
LVIII	68,157	73,175 0	93,143	136,658 6	107,362	146,719	
LIX	68,179	73,155 2	93,197	136,695 7	107,299	146,673	
LX	68,200	73,135 4	93,252	136,732 8	107,237	146,628	

congrua Basi RESIDVA dari load-	PRIMA	nuum E CANONE SI-		SERIE Fæcundissimoque E CANONE FÆCVNDO		TERTIA Fæcundissimoque E CANONE FÆCVNDO		PART. congrua Perpendiculo PERIPHERIA commo- Circu-	SCRVP. XLVII.	gruus. nusa con- Hypote- lus rectus, part. Angu- circuli xc. Quadrans
		Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Hypotenusa			
		100,000		100,000		100,000				
		Hypotenusa		Perpendiculum		Basis				

TRIANGVLI PLANI RECTANGVLI



CANON MATHEMATICVS,

TRIANGVLI PLANI RECTANGVLI

Quadrans  
circuli xc.  
part. Angu-  
lu s rectus,  
Hypote-  
nusa con-  
gruus,

Circu-  
commo-

PERIPHERIA  
Perpendicularo  
congrua

PART.

XLIII.

SCRVP.

Hypotenusa  
100,000  
Perpendicularum Basis

E CANONE SI-  
nuum

PRIMA

Basis  
100,000  
Perpendicularum Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

SERIE

SECUNDA

Perpendicularum  
100,000  
Basis Hypotenusa

E CANONE FÆCVNDO  
Fæcundissimoque

TERTIA

load-  
dati

RESIDVA  
Basi  
congrua

◆	68,200	73,135 4	93,252	136,732 8	107,237	146,628	LX
I	68,221	73,115 5	93,306	136,769 9	107,174	146,582	LIX
II	68,242	73,095 7	93,360	136,807 0	107,112	146,537	LVIII
III	68,264	73,075 8	93,415	136,844 2	107,049	146,491	LVII
IIII	68,285	73,056 0	93,469	136,881 4	106,987	146,445	LVI
V	68,306	73,036 1	93,524	136,918 6	106,925	146,399	LV
VI	68,327	73,016 2	93,578	136,955 9	106,862	146,354	LIIII
VII	68,349	72,996 4	93,633	136,993 2	106,800	146,308	LIII
VIII	68,370	72,976 5	93,688	137,030 5	106,738	146,263	LII
IX	68,391	72,956 6	93,742	137,067 8	106,676	146,218	LI
X	68,412	72,936 7	93,797	137,105 2	106,613	146,173	L
XI	68,434	72,916 8	93,852	137,142 6	106,551	146,127	XLIX
XII	68,455	72,896 9	93,906	137,180 1	106,489	146,082	XLVIII
XIII	68,476	72,876 9	93,961	137,217 6	106,427	146,037	XLVII
XIIII	68,497	72,857 0	94,016	137,255 1	106,365	145,992	XLVI
XV	68,518	72,837 1	94,071	137,292 7	106,303	145,946	XLV
XVI	68,539	72,817 2	94,125	137,330 2	106,241	145,901	XLIIII
XVII	68,560	72,797 2	94,180	137,367 9	106,179	145,856	XLIII
XVIII	68,581	72,777 3	94,235	137,405 6	106,117	145,811	XLII
XIX	68,603	72,757 3	94,290	137,443 2	106,056	145,766	XLI
XX	68,624	72,737 4	94,345	137,480 9	105,994	145,721	XL
XXI	68,645	72,717 4	94,400	137,518 6	105,932	145,676	XXXIX
XXII	68,666	72,697 4	94,455	137,556 4	105,870	145,631	XXXVIII
XXIII	68,688	72,677 5	94,510	137,594 3	105,809	145,586	XXXVII
XXIIII	68,709	72,657 5	94,565	137,632 2	105,747	145,542	XXXVI
XXV	68,730	72,637 5	94,620	137,670 1	105,685	145,497	XXXV
XXVI	68,751	72,617 5	94,676	137,707 9	105,624	145,452	XXXIIII
XXVII	68,772	72,597 5	94,731	137,745 8	105,562	145,407	XXXIII
XXVIII	68,793	72,577 5	94,786	137,783 8	105,501	145,363	XXXII
XXIX	68,814	72,557 5	94,841	137,821 8	105,439	145,318	XXXI
XXX	68,835	72,537 4	94,896	137,859 9	105,378	145,274	XXX

PRIMA

num  
E CANONE SI-

Basis Perpendicularum  
100,000  
Hypotenusa

SECUNDA

Fæcundissimoque  
E CANONE FÆCVNDO

Basis Hypotenusa  
100,000  
Perpendicularum

TERTIA

Fæcundissimoque  
E CANONE FÆCVNDO

Perpendicularum Hypotenusa  
100,000  
Basis

XLVI.

PART.

congrua  
Perpendicularo

PERIPHERIA  
commo-  
Circu-

gruus.  
nusa con-  
Hypote-  
lus rectus  
part. Angu-  
circuli xc.  
Quadrans

TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus, Hypote- nusa con- gruus.	Circu- commo-  PERIPHERIA Perpendicularo congrua	Hypotenusa 100,000		Basis 100,000		Perpendicularum 100,000		load- dati  RESIDVA Basi congrua
		Perpendicularum	Basis	Perpendicularum	Hypotenusa	Basis	Hypotenusa	
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimôque		E CANONE FÆCVNDO Fæcundissimôque		
		PRIMA		SECUNDA		TERTIA		
PART.  XLIII.  SCRVP.								
XXX		68,835	72,537 4	94,896	137,859 9	105,378	145,274	XXX
XXXI		68,857	72,517 4	94,952	137,897 9	105,317	145,229	XXIX
XXXII		68,878	72,497 4	95,007	137,936 0	105,055	145,185	XXVIII
XXXIII		68,899	72,477 3	95,062	137,974 1	105,194	145,140	XXVII
XXXIII		68,920	72,457 3	95,118	138,012 3	105,133	145,096	XXVI
XXXV		68,941	72,437 2	95,173	138,050 5	105,072	145,052	XXV
XXXVI		68,962	72,417 2	95,229	138,088 8	105,010	145,008	XXIII
XXXVII		68,983	72,397 1	95,284	138,127 0	104,949	144,963	XXIII
XXXVIII		69,004	72,377 0	95,340	138,165 3	104,888	144,919	XXII
XXXIX		69,025	72,357 0	95,395	138,203 6	104,827	144,875	XXI
XL		69,046	72,336 9	95,451	138,242 0	104,766	144,831	XX
XLI		69,067	72,316 8	95,506	138,280 4	104,705	144,786	XIX
XLII		69,088	72,296 7	95,562	138,318 9	104,644	144,742	XVIII
XLIII		69,109	72,276 6	95,618	138,357 4	104,583	144,698	XVII
XLIII		69,130	72,256 5	95,673	138,395 9	104,522	144,654	XVI
XLV		69,151	72,236 4	95,729	138,434 4	104,461	144,610	XV
XLVI		69,172	72,216 3	95,785	138,473 0	104,401	144,566	XIII
XLVII		69,193	72,196 1	95,841	138,511 6	104,340	144,522	XIII
XLVIII		69,214	72,176 0	95,897	138,550 2	104,279	144,479	XII
XLX		69,235	72,156 1	95,952	138,588 9	104,218	144,435	XI
LI		69,256	72,135 7	96,008	138,627 6	104,158	144,391	X
LI		69,277	72,115 3	96,064	138,666 3	104,097	144,347	IX
LII		69,298	72,095 4	96,120	138,705 1	104,036	144,304	VIII
LIII		69,319	72,075 3	96,176	138,743 9	103,976	144,260	VII
LIII		69,340	72,055 1	96,232	138,782 7	103,915	144,216	VI
LV		69,361	72,034 9	96,288	138,821 6	103,855	144,172	V
LVI		69,382	72,814 6	96,344	138,860 4	103,794	144,129	IIII
LVII		69,403	71,994 6	96,400	138,899 3	103,734	144,085	III
LVIII		69,424	71,974 4	96,457	138,938 3	103,674	144,042	II
LIX		69,445	71,954 2	96,513	138,977 3	103,613	143,999	I
IX		69,466	71,934 0	96,569	139,016 4	103,553	143,956	◆

congrua Basi RESIDVA	PRIMA	SECUNDA	TERTIA	XLVI.
	num	Fæcundissimoque	Fæcundissimoque	PART.
	E CANONE SI-	E CANONE FÆCVNDO	E CANONE FÆCVNDO	
	Basis Perpendicularum	Basis Hypotenusa	Hypotenusa Perpendicularum	congrua Perpendicularo
	100,000	100,000	100,000	PERIPHERIA
	Hypotenusa	Perpendicularum	Basis	commo- Circu-

## TRIANGVLI PLANI RECTANGVLI



# CANON MATHEMATICVS,

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xo- part. Angu- lus rectus Hypothe- nusa con- gruus.	Circu- commo-	Hypotenusa 100,000 Perpendicularum Basis		Basis 100,000 Perpendicularum Hypotenusa		Perpendicularum 100,000 Basis Hypotenusa		lo ad- dati
	PERIPHERIA Perpendicularo congrua	E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		RESIDVA Basi congrua.
	PART.	PRIMA		SECUNDA		TERTIA		
	XLIII. SCRVP.							

◆	69,466	71,934 0	96,569	139,016 4	103,553	143,956	LX
I	69,487 <sup>21</sup>	71,913 <sup>20</sup> 8	96,625 <sup>56</sup>	139,055 <sup>39</sup> 4	103,493 <sup>60</sup>	143,912 <sup>44</sup>	LIX
II	69,508 <sup>21</sup>	71,893 <sup>20</sup> 6	96,681 <sup>66</sup>	139,094 <sup>39</sup> 5	103,433 <sup>60</sup>	143,869 <sup>43</sup>	LVIII
III	69,529 <sup>21</sup>	71,873 <sup>20</sup> 3	96,738 <sup>57</sup>	139,133 <sup>39</sup> 6	103,372 <sup>61</sup>	143,826 <sup>43</sup>	LVII
IIII	69,549 <sup>21</sup>	71,853 <sup>20</sup> 1	96,794 <sup>56</sup>	139,172 <sup>39</sup> 8	103,312 <sup>60</sup>	143,783 <sup>43</sup>	LVI
V	69,570 <sup>21</sup>	71,832 <sup>20</sup> 9	96,850 <sup>56</sup>	139,212 <sup>39</sup> 0	103,252 <sup>60</sup>	143,739 <sup>44</sup>	LV
VI	69,591 <sup>21</sup>	71,812 <sup>20</sup> 6	96,907 <sup>57</sup>	139,251 <sup>39</sup> 3	103,192 <sup>60</sup>	143,696 <sup>43</sup>	LVIII
VII	69,612 <sup>21</sup>	71,792 <sup>20</sup> 4	96,963 <sup>56</sup>	139,290 <sup>39</sup> 5	103,132 <sup>60</sup>	143,653 <sup>43</sup>	LIII
VIII	69,633 <sup>21</sup>	71,772 <sup>20</sup> 1	97,020 <sup>57</sup>	139,329 <sup>39</sup> 8	103,072 <sup>60</sup>	143,610 <sup>43</sup>	LII
IX	69,654 <sup>21</sup>	71,751 <sup>20</sup> 9	97,076 <sup>56</sup>	139,369 <sup>39</sup> 1	103,012 <sup>60</sup>	143,567 <sup>43</sup>	LI
X	69,675 <sup>21</sup>	71,731 <sup>20</sup> 6	97,133 <sup>57</sup>	139,408 <sup>39</sup> 4	102,952 <sup>60</sup>	143,524 <sup>43</sup>	L
XI	69,696 <sup>21</sup>	71,711 <sup>20</sup> 3	97,189 <sup>56</sup>	139,448 <sup>39</sup> 5	102,892 <sup>60</sup>	143,481 <sup>43</sup>	XLIX
XII	69,717 <sup>21</sup>	71,691 <sup>20</sup> 1	97,246 <sup>57</sup>	139,487 <sup>39</sup> 4	102,832 <sup>60</sup>	143,438 <sup>43</sup>	XLVIII
XIII	69,737 <sup>20</sup>	71,670 <sup>20</sup> 8	97,302 <sup>56</sup>	139,526 <sup>39</sup> 9	102,772 <sup>60</sup>	143,395 <sup>43</sup>	XLVII
XIIII	69,758 <sup>21</sup>	71,650 <sup>20</sup> 5	97,359 <sup>57</sup>	139,566 <sup>39</sup> 4	102,713 <sup>60</sup>	143,352 <sup>43</sup>	XLVI
XV	69,779 <sup>21</sup>	71,603 <sup>20</sup> 2	97,416 <sup>57</sup>	139,606 <sup>39</sup> 0	102,653 <sup>60</sup>	143,309 <sup>43</sup>	XLV
XVI	69,800 <sup>21</sup>	71,609 <sup>20</sup> 9	97,472 <sup>56</sup>	139,645 <sup>39</sup> 5	102,593 <sup>60</sup>	143,267 <sup>43</sup>	XLIII
XVII	69,821 <sup>21</sup>	71,589 <sup>20</sup> 6	97,529 <sup>57</sup>	139,685 <sup>39</sup> 6	102,533 <sup>60</sup>	143,224 <sup>43</sup>	XLII
XVIII	69,842 <sup>21</sup>	71,569 <sup>20</sup> 3	97,586 <sup>57</sup>	139,724 <sup>39</sup> 7	102,474 <sup>60</sup>	143,181 <sup>43</sup>	XL
XIX	69,862 <sup>20</sup>	71,549 <sup>20</sup> 0	97,643 <sup>57</sup>	139,764 <sup>39</sup> 5	102,414 <sup>60</sup>	143,139 <sup>42</sup>	XXXIX
XX	69,883 <sup>21</sup>	71,528 <sup>20</sup> 4	97,699 <sup>56</sup>	139,804 <sup>39</sup> 2	102,355 <sup>60</sup>	143,096 <sup>43</sup>	XXXVIII
XXI	69,904 <sup>21</sup>	71,508 <sup>20</sup> 3	97,756 <sup>57</sup>	139,843 <sup>39</sup> 7	102,295 <sup>60</sup>	143,053 <sup>43</sup>	XXXVII
XXII	69,925 <sup>21</sup>	71,488 <sup>20</sup> 0	97,813 <sup>57</sup>	139,883 <sup>39</sup> 8	102,236 <sup>60</sup>	143,011 <sup>43</sup>	XXXVI
XXIII	69,946 <sup>21</sup>	71,467 <sup>20</sup> 6	97,870 <sup>57</sup>	139,923 <sup>39</sup> 5	102,176 <sup>60</sup>	142,968 <sup>43</sup>	XXXV
XXIIII	69,966 <sup>20</sup>	71,447 <sup>20</sup> 3	97,927 <sup>57</sup>	139,963 <sup>39</sup> 9	102,117 <sup>60</sup>	142,926 <sup>43</sup>	XXXIII
XXV	69,987 <sup>21</sup>	71,426 <sup>20</sup> 4	97,984 <sup>57</sup>	140,003 <sup>39</sup> 3	102,057 <sup>60</sup>	142,883 <sup>43</sup>	XXXII
XXVI	70,008 <sup>21</sup>	71,406 <sup>20</sup> 6	98,041 <sup>57</sup>	140,043 <sup>39</sup> 2	101,998 <sup>60</sup>	142,841 <sup>43</sup>	XXXI
XXVII	70,029 <sup>21</sup>	71,386 <sup>20</sup> 2	98,098 <sup>57</sup>	140,083 <sup>39</sup> 9	101,939 <sup>60</sup>	142,799 <sup>43</sup>	XXX
XXVIII	70,049 <sup>20</sup>	71,365 <sup>20</sup> 8	98,155 <sup>57</sup>	140,123 <sup>40</sup> 1	101,879 <sup>60</sup>	142,756 <sup>43</sup>	
XXIX	70,070 <sup>21</sup>	71,345 <sup>20</sup> 4	98,213 <sup>58</sup>	140,163 <sup>40</sup> 0	101,820 <sup>60</sup>	142,714 <sup>43</sup>	
XXX	70,091 <sup>21</sup>	71,325 <sup>20</sup> 0	98,270 <sup>57</sup>	140,203 <sup>40</sup> 2	101,761 <sup>60</sup>	142,672 <sup>43</sup>	

congrua Basi RESIDVA	dati lo ad-	PRIMA		SECUNDA		TERTIA		PART. congrua Perpendicularo PERIPHERIA commo- Circu-
		num		SERIE		Fæcundissimòque		
		E CANONE SI-		E CANONE FÆCVNDO		E CANONE FÆCVNDO		
		Basis	Perpendicularum	Basis	Hypotenusa	Perpendicularum	Hypotenusa	
		100,000		100,000		100,000		
		Hypotenusa		Perpendicularum		Basis		

gruus. nusa con- Hypothe- lus rectus part. Angu- circulixc. Quadrans
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## TRIANGVLI PLANI RECTANGVLI



# SEV, AD TRIANGVLA.

## TRIANGVLI PLANI RECTANGVLI

Quadrans circuli xc. part. Angu- lus rectus Hypothe- nusa con- gruus.	Circu- commo- PERIPHERIA Perpendiculo congrua PART. XLIII. SCRVP.	Hypotenusa 100,000 Perpendiculum Basis		Basis 100,000 Perpendiculum Hypotenusa		Perpendiculum 100,000 Basis Hypotenusa		load- dati RESIDVA Basi congrua.
		E CANONE SI- num		E CANONE FÆCVNDO Fæcundissimòque SERIE		E CANONE FÆCVNDO Fæcundissimòque		
		PRIMA		SECUNDA		TERTIA		
XXX		70,091	71,325 0	98,270	140,203 2	101,761	142,672	XXX
XXXI		70,112	71,304 7	98,327	140,243 3	101,702	142,630	XXIX
XXXII		70,132	71,284 3	98,384	140,283 5	101,642	142,587	XXVIII
XXXIII		70,153	71,263 9	98,441	140,323 6	101,583	142,545	XXVII
XXXIII		70,174	71,243 4	98,499	140,363 8	101,524	142,503	XXVI
XXXV		70,194	71,223 0	98,556	140,404 0	101,465	142,461	XXV
XXXVI		70,215	71,202 6	98,613	140,444 3	101,406	142,419	XXIII
XXXVII		70,236	71,182 2	98,671	140,484 6	101,347	142,377	XXIII
XXXVIII		70,257	71,161 8	98,728	140,524 9	101,288	142,335	XXII
XXXIX		70,277	71,141 3	98,786	140,565 3	101,229	142,293	XXI
XL		70,298	71,120 9	98,843	140,605 7	101,170	142,251	XX
XLI		70,319	71,100 4	98,900	140,646 1	101,112	142,209	XIX
XLII		70,339	71,080 0	98,958	140,686 6	101,053	142,168	XVIII
XLIII		70,360	71,059 5	99,016	140,727 1	100,994	142,126	XVII
XLIII		70,381	71,039 0	99,073	140,767 7	100,935	142,084	XVI
XLV		70,401	71,018 5	99,131	140,808 3	100,876	142,042	XV
XLVI		70,422	70,998 1	99,189	140,848 9	100,818	142,001	XIII
XLVII		70,443	70,977 6	99,247	140,889 6	100,759	141,959	XIII
XLVIII		70,463	70,957 1	99,304	140,930 3	100,701	141,918	XII
XLIX		70,484	70,936 6	99,362	140,971 0	100,642	141,876	XI
L		70,505	70,916 1	99,420	141,011 8	100,583	141,835	X
LI		70,525	70,895 6	99,478	141,052 6	100,525	141,793	IX
LII		70,546	70,875 0	99,536	141,093 4	100,467	141,752	VIII
LIII		70,567	70,854 5	99,594	141,134 3	100,408	141,710	VII
LIII		70,587	70,834 0	99,652	141,175 2	100,350	141,669	VI
LV		70,608	70,813 5	99,710	141,216 1	100,291	141,628	V
LVI		70,628	70,792 9	99,768	141,257 1	100,233	141,586	III
LVII		70,649	70,772 4	99,826	141,298 1	100,175	141,545	III
LVIII		70,670	70,751 8	99,884	141,339 2	100,116	141,504	II
LIX		70,690	70,731 3	99,942	141,380 3	100,058	141,463	I
LX		70,711	70,710 7	100,000	141,421 4	100,000	141,421	◆
		PRIMA num E CANONE SI-		SECUNDA SERIE Fæcundissimòque E CANONE FÆCVNDO		TERTIA Fæcundissimòque E CANONE FÆCVNDO		SCRVP. XLV. PART.
congrua Basi RESIDVA	Basis Perpendiculum 100,000 Hypotenusa			Basis Hypotenusa 100,000 Perpendiculum		Perpendiculum Hypotenusa 100,000 Basis		congrua Perpendiculo PERIPHERIA commo- Circu-
load-								gruus. nusa con- Hypothe- lus rectus part. Angu- circuli xc. Quadrans

## TRIANGVLI PLANI RECTANGVLI



EXPLICITVS  
CANON MATHEMATICVS.  
SEV,  
*AD TRIANGVLA.*



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57		0	57
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59		0	59
60		I	0







AD LOGISTICEM PER ΕΞΕΚΟΝΤΑΔΑΣ, *Tabella.*

[illegible]















FRACTIONVM APVD MATHEMATICOS VSITATARVM, ALTERIVS IN ALTERAM  
reductionibus, Tabella adcommoda.

MILLESIMA integri.	REVOLUTIONIS, vt integri			ANNI ÆGYPTII, vt integri			PARTIS, DIEI VE, vt integri			DIEI, vt integri				
Prima, Secunda.	PARTES.	Scrupula partium		DIES.	Scrupula dierum		Horæ dierum.	Horaria scrupula.	Scrupula			Horæ.	Horaria scrupula.	Helakim.
		Prima.	Secunda.		Prima.	Secunda.			Prima.	Secunda.	Tertia.			
1, 000, 000	360	21, 600	1, 296, 000	365	21, 900	1, 314, 000	8, 760	525, 600	60	3, 600	216, 000	24	1, 440	25, 920
	72			73					12					
I	$\frac{9}{25, 000}$	$\frac{27}{1, 250}$	$I - \frac{37}{125}$	$\frac{73}{20, 000}$	$\frac{219}{10, 000}$	$I - \frac{157}{500}$	$\frac{219}{25, 000}$	$\frac{657}{1, 250}$	$\frac{3}{50, 000}$	$\frac{9}{2, 500}$	$\frac{27}{125}$	$\frac{3}{125, 000}$	$\frac{9}{6, 250}$	$\frac{81}{3, 125}$
2, 777 $\frac{7}{9}$	I	60	3, 600	$I - \frac{1}{72}$	60 $\frac{5}{6}$	3, 650	24 $\frac{1}{3}$	1, 460	$\frac{1}{6}$	10	600	$\frac{1}{15}$	4	72
25, 000	99													
46 $\frac{8}{27}$	$\frac{1}{60}$	I	60	$\frac{73}{4, 320}$	$I - \frac{1}{72}$	60 $\frac{5}{6}$	$\frac{73}{180}$	24 $\frac{1}{3}$	$\frac{1}{360}$	$\frac{1}{6}$	10	$\frac{1}{900}$	$\frac{1}{15}$	$I - \frac{1}{5}$
1, 250	$\frac{1}{162}$	$\frac{1}{3, 600}$	$I - \frac{1}{60}$	$\frac{73}{259, 200}$	$\frac{73}{4, 320}$	$I - \frac{1}{72}$	$\frac{73}{10, 800}$	$\frac{73}{180}$	$\frac{1}{21, 600}$	$\frac{1}{360}$	$\frac{1}{6}$	$\frac{73}{4, 320}$	$I - \frac{1}{72}$	22
125			$\frac{1}{162}$											
2, 739 $\frac{53}{73}$	$\frac{72}{73}$	59 $\frac{13}{73}$	3, 550 $\frac{50}{73}$	I	60	3, 600	24	1, 440	$\frac{12}{73}$	9 $\frac{63}{73}$	591 $\frac{57}{73}$	$\frac{24}{365}$	3 $\frac{69}{73}$	71 $\frac{1}{73}$
200, 000				$\frac{1}{73}$										
45 $\frac{145}{219}$	$\frac{6}{365}$	$\frac{72}{73}$	59 $\frac{13}{73}$	$\frac{1}{60}$	I	60	$\frac{2}{5}$	24	$\frac{1}{365}$	$\frac{12}{73}$	9 $\frac{63}{73}$	$\frac{2}{1, 825}$	$\frac{24}{365}$	$I - \frac{67}{365}$
10, 000					$\frac{1}{219}$									
$\frac{500}{657}$	$\frac{1}{3, 650}$	$\frac{6}{365}$	$\frac{72}{73}$	$\frac{1}{3, 600}$	$\frac{1}{60}$	I	$\frac{1}{150}$	$\frac{2}{5}$	$\frac{1}{21, 900}$	$\frac{1}{365}$	$\frac{12}{73}$	$\frac{1}{54, 750}$	$\frac{2}{1, 825}$	$\frac{36}{1, 825}$
500						$\frac{1}{657}$								
114 $\frac{34}{219}$	$\frac{3}{73}$	2 $\frac{34}{73}$	147 $\frac{69}{73}$	$\frac{1}{24}$	2 $\frac{1}{2}$	150	I	60	$\frac{1}{146}$	$\frac{30}{73}$	24 $\frac{48}{73}$	$\frac{1}{365}$	$\frac{12}{73}$	2 $\frac{70}{73}$
25, 185							$\frac{1}{219}$							
I $\frac{593}{657}$	$\frac{1}{1, 460}$	$\frac{3}{73}$	2 $\frac{34}{73}$	$\frac{1}{1, 440}$	$\frac{1}{24}$	2 $\frac{1}{2}$	$\frac{1}{60}$	I	$\frac{1}{8, 760}$	$\frac{1}{146}$	$\frac{30}{73}$	$\frac{1}{21, 900}$	$\frac{1}{365}$	$\frac{18}{365}$
1, 250								$\frac{1}{657}$						
16, 666 $\frac{2}{3}$	6	360	21, 600	6 $\frac{1}{12}$	365	21, 900	146	8, 760	I	60	36, 000	$\frac{2}{5}$	24	432
50, 000									$\frac{1}{3}$					
277 $\frac{7}{9}$	$\frac{1}{10}$	6	360	$\frac{73}{720}$	6 $\frac{1}{12}$	365	2 $\frac{13}{30}$	146	$\frac{1}{60}$	I	60	$\frac{1}{150}$	$\frac{2}{5}$	7 $\frac{1}{5}$
2, 500										$\frac{1}{99}$				
4 $\frac{17}{27}$	$\frac{1}{600}$	$\frac{1}{10}$	6	$\frac{73}{43, 200}$	$\frac{73}{420}$	6 $\frac{1}{12}$	$\frac{73}{1, 800}$	2 $\frac{13}{30}$	$\frac{1}{3, 600}$	$\frac{1}{60}$	I	$\frac{1}{9, 000}$	$\frac{1}{150}$	$\frac{3}{25}$
125											$\frac{1}{27}$			
41, 666 $\frac{2}{3}$	15	900	54, 000	15 $\frac{5}{24}$	912 $\frac{1}{2}$	54, 750	365	21, 900	2 $\frac{1}{2}$	150	9, 000	I	60	1, 080
125, 000												$\frac{1}{93}$		
694 $\frac{4}{9}$	$\frac{1}{4}$	15	900	$\frac{73}{288}$	15 $\frac{5}{24}$	912 $\frac{1}{2}$	6 $\frac{1}{12}$	365	$\frac{1}{24}$	2 $\frac{1}{2}$	150	$\frac{1}{60}$	I	18
6, 250													$\frac{1}{99}$	
38 $\frac{47}{81}$	$\frac{9}{648}$	$\frac{135}{162}$	50	$\frac{73}{5, 184}$	$\frac{1, 095}{1, 296}$	50 $\frac{225}{324}$	$\frac{219}{648}$	20 $\frac{45}{162}$	$\frac{1}{432}$	$\frac{10}{73}$	$\frac{70}{73}$	$\frac{1}{1, 080}$	$\frac{1}{18}$	I
3, 125														$\frac{1}{81}$















CANONION TRIANGVLORVM, Ad singulas partes quadrantis Circuli, secundum Eξενοντάδων Logisticem.

CANONII

SERIES PRIMÆ.

SERIES SECUNDÆ.

SERIES TERTIÆ.

ANGVLVS ACVTVS à Perpendiculari subtenfus.

Semis Peripheria intra, vel circa quam describitur Polygonum.

Angulus, vel PERIPHERIA, ad quadrantem Circuli.

PARTES.

I
II
III
IIII
V
VI
VII
VIII
IX
X
XI
XII
XIII
XIIII
XV
XVI
XVII
XVIII
XIX
XX
XXI
XXII
XXIII
XXIIII
XXV
XXVI
XXVII
XXVIII
XXIX
XXX
XXXI
XXXII
XXXIII
XXXIIII
XXXV
XXXVI
XXXVII
XXXVIII
XXXIX
XL
XLI
XLII
XLIII
XLIIII
XLV

RESIDVA.

Semis Residua è Semi-Circulo.

Acutus Baseos.

PERpendicularum.	Bas.	Hypotenusa.
SEMI-Latus Polygoni inscripti.	Semi-Latus Polygoni inscripti reliquo Semi-Circuli.	Semi-Diameter.
SINVS Anguli, vel Peripheria.	Sinus anguli Reliqui, seu Residua Peripheria.	Totus, partibus xc. quantarum adsumitur angulus Rectus, quadratæve Circuli, congruus.
S <sup>a</sup> Part. I II	S <sup>a</sup> Part. I II	S <sup>a</sup> Part. I II
I 2 50	59 59 27	
2 5 38	59 57 48	
3 8 25	59 55 4	
4 11 7	59 51 14	
5 13 46	59 46 18	
6 16 18	59 40 17	
7 18 44	59 33 10	
8 21 1	59 24 58	
9 23 10	59 15 41	
10 25 8	59 5 18	
11 26 55	58 53 51	
12 28 29	58 41 20	
13 29 49	58 27 44	
14 30 55	58 13 9	
15 31 45	57 57 20	
16 32 18	57 40 33	
17 32 32	57 22 42	
18 32 28	57 3 48	
19 32 3	56 43 52	
20 31 16	56 22 54	
21 30 7	56 0 53	
22 28 35	57 37 52	
23 26 38	55 13 49	
24 24 15	54 48 46	
25 21 26	54 22 42	
26 18 8	53 55 40	
27 14 22	53 27 37	
28 10 6	52 58 37	
29 5 19	52 28 38	
30 0 0	51 57 41	
30 54 8	51 25 48	
31 47 43	50 52 58	
32 40 42	50 19 13	
33 33 6	49 44 32	
34 24 53	49 8 57	
35 16 2	48 32 28	
36 6 32	47 55 5	
36 56 23	47 16 50	
37 45 33	46 37 44	
38 31 2	45 57 46	
39 21 49	45 16 57	
40 8 52	44 35 19	
40 55 12	43 52 52	
41 40 46	43 9 37	
42 25 35	42 25 35	I 0 0 0

SINVS Residua. Sinus Peripheria. Totus.

SEMI-Latus Polygoni inscripti reliquo Semi-Circuli. Semi-Latus Polygoni inscripti. Semi-Diameter.

BASIS. Perpendicularum. Hypotenusa.

PERpendicularum.	Bas.	Hypotenusa.
SEMI-Latus Polygoni inscripti.	Semi-Diameter.	Eductum Latus è centro ad metam lateris circumscripti Polygoni.
FAECUNDUS Anguli, vel Peripheria.	Totus Reliquus angulo, vel Residua peripheria, non aliter quam Recto, vel quadrantis Circuli, congruus.	Hypotenusa Facundi Anguli, vel Peripheria.
S <sup>a</sup> Part. I II	S <sup>a</sup> Part. I II	S <sup>a</sup> Part. I II
I 2 50		I 0 0 33
2 5 43		I 0 2 12
3 8 40		I 0 4 56
4 11 44		I 0 8 47
5 14 58		I 0 13 45
6 18 23		I 0 19 50
7 22 1		I 0 27 2
8 25 57		I 0 35 23
9 30 11		I 0 44 52
10 34 47		I 0 55 32
11 39 46		I 1 7 23
12 45 12		I 1 20 26
13 51 8		I 1 34 42
14 57 35		I 1 50 13
16 4 37		I 2 7 0
17 12 17		I 2 25 5
18 20 38		I 2 44 30
19 29 43		I 3 5 16
20 39 35		I 3 27 26
21 50 18		I 3 51 2
23 1 55		I 4 16 7
24 14 30		I 4 42 43
25 28 7		I 5 10 54
26 42 49		I 5 40 41
27 58 42		I 6 12 10
29 15 50		I 6 45 22
30 34 17		I 7 20 22
31 54 9		I 7 57 15
33 15 31		I 8 36 4
34 38 28		I 9 16 55
36 3 6		I 9 59 53
37 29 32		I 10 45 3
38 57 52		I 11 32 31
40 28 4		I 12 22 23
42 0 45		I 13 14 47
43 35 33		I 14 9 51
45 12 48		I 15 7 41
46 52 38		I 16 8 28
48 35 14		I 17 12 20
50 20 46		I 18 19 28
52 9 26		I 19 30 3
54 1 27		I 20 44 17
55 57 3		I 22 2 23
57 56 29		I 23 24 35
I 0 0 0	I 0 0 0	I 24 51 10

FAECUNDUS Residua. Totus. Hypotenusa Residua.

SEMI-Latus Polygoni circumscripti reliquo Semi-Circuli. Semi-Diameter. Eductum Latus è centro.

BASIS. Perpendicularum. Hypotenusa.

PERpendicularum.	Bas.	Hypotenusa.
SEMI-Diameter.	Semi-Latus Polygoni circumscripti reliquo Semi-Circuli.	Eductum Latus è centro ad metam circumscripti Polygoni.
TOTVS Angulo acuto, vel Recto, congruus.	Facundus anguli Reliqui, vel Residua peripheria.	Hypotenusa Facundi anguli Reliqui, vel Residua peripheria.
S <sup>a</sup> Part. I II	S <sup>a</sup> Part. I II	S <sup>a</sup> Part. I II
I 0 0 0	57 57 23 46	57 17 55 11
	28 38 10 28	28 39 13 18
	19 4 52 6	19 6 26 22
	14 18 2 22	14 20 8 6
	10 25 48 16	11 28 25 27
	9 30 51 43	9 34 0 23
	8 8 39 39	8 12 19 50
	7 6 55 19	7 11 7 3
	6 18 49 33	6 23 32 53
	5 40 16 39	5 45 31 37
	5 9 40 24	5 14 27 3
	4 42 16 40	4 48 35 3
	4 19 53 20	4 26 43 30
	4 0 38 49	4 8 0 50
	3 43 55 23	3 51 49 20
	3 29 14 41	3 37 40 38
	3 16 15 4	3 25 13 6
	3 4 39 41	3 14 9 52
	2 54 15 11	3 4 17 37
	2 44 50 56	2 55 25 43
	2 36 18 19	2 47 25 32
	2 28 30 19	2 40 10 5
	2 21 21 4	2 33 33 20
	2 14 45 44	2 27 30 56
	2 8 40 14	2 21 58 20
	2 3 1 6	2 16 52 14
	1 57 45 24	2 12 9 41
	1 52 50 37	2 7 48 12
	1 48 14 35	2 3 45 37
	1 43 55 23	2 0 0 0
	1 39 51 24	1 56 29 46
	1 36 1 12	1 53 13 29
	1 32 23 30	1 50 9 52
	1 28 57 13	1 47 17 51
	1 25 41 20	1 44 36 25
	1 22 34 59	1 42 4 42
	1 19 37 22	1 39 41 55
	1 16 47 48	1 37 27 23
	1 14 5 38	1 35 20 28
	1 11 30 19	1 33 20 37
	1 9 1 20	1 31 27 19
	1 6 38 13	1 29 40 7
	1 4 20 31	1 27 58 37
	1 2 7 55	1 26 22 25
I 0 0 0	I 0 0 0	I 24 51 10

TOTVS. Facundus Peripheria. Hypotenusa Peripheria.

SEMI-Diameter. Semi-Latus Polygoni circumscripti. Eductum Latus è centro.

BASIS. Perpendicularum. Hypotenusa.

Acutus RELIQVVS subtenfus à Base.

Semis Residua è Semi-Circulo.

Reliquus è recto, Residua è peripheria è quadrante Circuli.

PARTES.

XC
LXXXIX
LXXXVIII
LXXXVII
LXXXVI
LXXXV
LXXXIII
LXXXIII
LXXXII
LXXXI
LXXX
LXXIX
LXXVIII
LXXVII
LXXVI
LXXV
LXXIII
LXXII
LXXI
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LXIX
LXVIII
LXVII
LXVI
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LXII
LXI
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LVIII
LVII
LVI
LV
LIII
LIII
LII
LI
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XLIX
XLVII
XLVII
XLVI
XLV

PERIPHERIA.

Semis Peripheria intra, vel circa qua, &c.

Acutus Perpendiculari.















# MATHEMATICI CANONIS EPITOME.

SERIES PRIMÆ.			SERIES SECUNDÆ.			SERIES TERTIÆ.				
TRIANGVLI PLANI RECTANGVLI										
Angulus ACVTVS à Perpendiculo subtenſus.	PERpendicularum.	BAſis.	HYPOTENUſa.	PERpendicularum.	BAſis.	HYPOTENUſa.	PERpendicularum.	BAſis.	HYPOTENUſa.	Acutus RELI QVVS ſubtenſus à Baſe.
Semis Peripheria, intra vel circa quam deſcribitur latus Polygoni, aliæue Linea Recta.	SEMI-Latus Polygoni inſcripti. Semi-inſcripta.	Semi-latus Polygoni inſcripti Reliquo Semi-circuli. Semi-inſcripta Reſidua.	Semi-Diameter.	SEMI-Latus Polygoni circumſcripti. Semi-circumſcripta.	Semi-Diameter.	Eductum Latus è centro ad metan lateris circumſcripti.	SEMI-Diameter.	Semi-latus Polygoni circumſcripti Reliquo Semi-circuli. Semi-circumſcripta Reſidua.	Eductum Latus è centro ad metan lateris circumſcripti.	Semis Reſidua è Semi-Circulo.
Angulus vel PERIPHERIA ad quadrantem Circuli, in partibus qualium æſtimatur Diameter 200,000,000   Circulus cccx.	SINVS Anguli, vel Peripheria.	Sinus anguli Reliqui, ſeu Reſidua peripheria.	Totus, angulo Recto, quadranti ve Circuli congruus.	FAECUNDUS Anguli, vel Peripheria.	Totus Reliquo angulo, vel Reſid. perip. ut Recto, vel quadranti Circuli congruus.	Hypotenusa Facundi Anguli, vel Peripheria.	TOTVS angulo Acuto, Peripheria, ut Recto, vel quadranti Circuli congruus.	Facundus anguli Reliqui, vel Reſidua peripheria.	Hypotenusa Facundi anguli Reliqui, vel Reſidua peripheria.	Reliquus è recto RESIDVAV. peripheria è quadrante Circuli.
Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	Millena PART. Milliesima. 1 <sup>a</sup> .	PARTES. Millena PART. Milliesima. 1 <sup>a</sup> .
100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000	100,000,000
1,745,329	I	99,984,770		1,745,507		100,015,233		5,728,996,009	5,729,868,695	XC
3,490,659	II	99,939,083		3,492,077		100,060,957		2,863,625,251	2,865,370,758	LXXXIX
5,235,988	III	99,862,952		5,240,787		100,137,243		1,908,113,681	1,910,732,274	LXXXVIII
6,981,317	IIII	99,756,485		6,992,679		100,244,188		1,430,066,587	1,433,558,664	LXXXVII
8,726,646	V	99,619,470		8,748,860		100,381,973		1,143,005,216	1,147,371,310	LXXXVI
10,471,976	VI	99,452,190		10,510,423		100,550,828		951,436,447	956,677,234	LXXXV
12,217,305	VII	99,254,615		12,278,456		100,750,975		814,434,646	820,550,910	LXXXIIII
13,962,634	VIII	99,026,807		14,054,084		100,982,758		711,536,954	718,529,633	LXXXIII
15,707,963	IX	98,768,834		15,838,445		101,246,505		631,375,148	639,245,316	LXXXII
17,453,293	X	98,480,875		17,632,698		101,542,662		567,128,178	575,877,038	LXXXI
19,198,622	XI	98,162,718		19,438,031		101,871,670		514,455,413	524,084,318	LXXX
20,943,951	XII	97,814,760		21,255,656		102,234,060		470,463,012	480,973,435	LXXIX
22,689,280	XIII	97,437,007		23,086,818		102,630,412		433,147,584	444,541,145	LXXVIII
24,434,610	XIIII	97,029,573		24,932,801		103,061,364		401,078,095	413,356,551	LXXVII
26,179,939	XV	96,592,583		26,794,919		103,527,619		373,205,081	386,370,330	LXXVI
27,925,268	XVI	96,126,170		28,674,537		104,029,933		348,741,435	362,795,519	LXXV
29,670,597	XVII	95,630,476		30,573,067		104,569,175		327,085,263	342,030,363	LXXIIII
31,415,927	XVIII	95,105,652		32,491,970		105,146,223		307,768,352	323,606,796	LXXIII
33,161,256	XIX	94,551,857		34,432,762		105,762,071		290,421,092	307,155,353	LXXII
34,906,585	XX	93,969,262		36,397,020		106,417,775		274,747,740	292,380,438	LXXI
36,651,914	XXI	93,358,043		38,386,394		107,114,491		260,508,896	279,042,800	LXX
38,397,244	XXII	92,718,385		40,402,623		107,853,475		247,508,691	266,946,722	LXXIX
40,142,573	XXIII	92,050,486		42,447,480		108,636,037		235,585,240	255,930,470	LXXVIII
41,887,902	XXIIII	91,354,546		44,522,868		109,463,628		224,603,678	245,859,334	LXXVII
43,633,231	XXV	90,630,779		46,630,766		110,337,793		214,450,694	236,620,160	LXXVI
45,378,561	XXVI	89,879,405		48,773,257		111,260,192		205,030,383	228,117,201	LXXV
47,123,890	XXVII	89,100,652		50,952,545		112,232,625		196,261,051	220,268,927	LXXIIII
48,869,219	XXVIII	88,294,759		53,170,943		113,257,001		188,072,647	213,005,448	LXXIII
50,614,548	XXIX	87,461,971		55,430,906		114,335,412		180,404,776	206,266,534	LXXII
52,359,878	XXX	86,602,540		57,735,026		115,470,053		173,205,081	200,000,000	LXXI
54,105,207	XXXI	85,716,730		60,086,058		116,663,328		166,427,944	194,160,399	LXX
55,850,536	XXXII	84,804,810		62,486,935		117,917,841		160,033,449	188,707,986	LXXIX
57,595,865	XXXIII	83,867,057		64,940,760		119,236,335		153,986,496	183,607,846	LXXVIII
59,341,195	XXXIIII	82,903,757		67,450,852		120,621,795		148,256,098	178,829,165	LXXVII
61,086,524	XXXV	81,915,204		70,020,755		122,077,460		142,814,795	174,344,684	LXXVI
62,831,853	XXXVI	80,901,699		72,654,253		123,606,798		137,638,191	170,130,161	LXXV
64,577,182	XXXVII	79,863,551		75,355,396		125,213,556		132,704,470	166,164,002	LXXIIII
66,322,512	XXXVIII	78,801,075		78,128,563		126,901,820		127,994,165	162,426,927	LXXIII
68,067,841	XXXIX	77,714,596		80,978,404		128,675,951		123,489,716	158,901,573	LXXII
69,813,170	XL	76,604,444		83,909,964		130,540,730		119,175,360	155,572,380	LXXI
71,558,499	XLI	75,470,958		86,928,674		132,501,300		115,036,842	152,425,310	LXX
73,303,829	XLII	74,314,482		90,040,405		134,563,273		111,061,251	149,447,645	LXXIX
75,049,158	XLIII	73,135,370		93,251,509		136,732,747		107,236,867	146,627,915	LXXVIII
76,794,487	XLIIII	71,933,979		96,568,880		139,016,360		103,553,034	143,955,657	LXXVII
78,539,816	XLV	70,710,678				141,421,356		100,000,000	141,421,356	LXXVI
RESIDVA.	SINVS Reſidua.	Sinus Peripheria.	Totus.	FAECUNDUS Reſidua.	Totus.	Hypotenusa Reſidua.	TOTVS.	Facundus Peripheria.	Hypotenusa Peripheria.	PERIPHERIA.
Semis Reſidua è Semi-Circulo.	Semi-latus Polygoni inſcripti Reliquo Semi-Circuli. Semi-inſcripta Reſidua.	Semi-Latus Polygoni inſcripti. Semi-inſcripta.	Semi-Diameter.	Semi-Latus Polygoni circumſcripti Reliquo Semi-Circuli. Semi-circumſcripta Reſidua.	Semi-Diameter.	Eductum Latus è centro.	SEMI-Diameter.	Semi-latus Polygoni circumſcripti. Semi-circumſcripta.	Eductum Latus è centro.	Semis Peripheria intra, vel circum quam, &c.
Acutus Baſeos.	BAſIS.	PERpendicularum.	HYPOTENUſa.	BAſIS.	PERpendicularum.	HYPOTENUſa.	BAſIS.	PERpendicularum.	HYPOTENUſa.	Acutus PERpendiculari.







CANONION  
TRIANGVLORVM  
Laterum Ratio-  
narium.





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1900







## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.			
819,200	20,480,000,000 $\frac{125}{1,024}$	20,479,999,999 $\frac{899}{1,024}$	100,000 $\frac{200,000}{167,772,159,999}$	81,920,000,000 $\frac{167,772,159,999}{167,772,159,999}$	99,999 $\frac{167,771,960,001}{167,772,160,001}$	81,920,000,000 $\frac{167,772,160,001}{167,772,160,001}$					
815,104	20,377,600,000 $\frac{3,125}{25,472}$	20,377,599,999 $\frac{22,347}{25,472}$	100,000 $\frac{200,000}{166,098,632,703}$	81,510,400,000 $\frac{166,098,632,703}{166,098,632,703}$	99,999 $\frac{33,219,686,541}{33,219,716,541}$	81,510,400,000 $\frac{33,219,716,541}{33,219,716,541}$					
811,008	20,275,200,000 $\frac{3,125}{25,344}$	20,275,199,999 $\frac{22,219}{25,344}$	100,000 $\frac{40,000}{32,886,698,803}$	16,120,160,000 $\frac{32,886,698,803}{32,886,698,803}$	99,999 $\frac{164,433,294,017}{164,433,494,017}$	16,120,160,000 $\frac{164,433,494,017}{164,433,494,017}$					
806,912	20,172,800,000 $\frac{3,125}{25,216}$	20,172,799,999 $\frac{22,091}{25,216}$	100,000 $\frac{40,000}{32,555,348,787}$	16,138,240,000 $\frac{32,555,348,787}{32,555,348,787}$	99,999 $\frac{162,776,543,937}{162,776,743,937}$	16,138,240,000 $\frac{162,776,743,937}{162,776,743,937}$					
802,816	20,070,400,000 $\frac{3,125}{25,088}$	20,070,399,999 $\frac{21,963}{25,088}$	100,000 $\frac{200,000}{161,128,382,463}$	80,281,600,000 $\frac{161,128,382,463}{161,128,382,463}$	99,999 $\frac{32,225,636,493}{32,225,676,493}$	80,281,600,000 $\frac{32,225,676,493}{32,225,676,493}$					
798,720	19,968,000,000 $\frac{625}{4,992}$	19,967,999,999 $\frac{4,367}{4,992}$	100,000 $\frac{200,000}{159,488,409,599}$	79,872,000,000 $\frac{159,488,409,599}{159,488,409,599}$	99,999 $\frac{159,488,209,601}{159,488,409,601}$	79,872,000,000 $\frac{159,488,409,601}{159,488,409,601}$					
794,624	19,865,600,000 $\frac{3,125}{24,832}$	19,865,599,999 $\frac{21,707}{24,832}$	100,000 $\frac{200,000}{157,856,825,343}$	79,462,400,000 $\frac{157,856,825,343}{157,856,825,343}$	99,999 $\frac{31,571,325,069}{31,571,365,069}$	79,462,400,000 $\frac{31,571,365,069}{31,571,365,069}$					
790,528	19,763,200,000 $\frac{3,125}{24,704}$	19,763,199,999 $\frac{21,579}{24,704}$	100,000 $\frac{40,000}{31,246,725,939}$	15,810,560,000 $\frac{31,246,725,939}{31,246,725,939}$	99,999 $\frac{156,233,429,697}{156,233,619,697}$	15,810,560,000 $\frac{156,233,619,697}{156,233,619,697}$					
786,432	19,660,800,000 $\frac{3,125}{24,576}$	19,660,799,999 $\frac{21,451}{24,576}$	100,000 $\frac{40,000}{30,923,764,531}$	15,728,640,000 $\frac{30,923,764,531}{30,923,764,531}$	99,999 $\frac{154,618,622,657}{154,618,822,657}$	15,728,640,000 $\frac{154,618,822,657}{154,618,822,657}$					
782,336	19,558,400,000 $\frac{3,125}{24,448}$	19,558,399,999 $\frac{21,323}{24,448}$	100,000 $\frac{200,000}{153,012,404,223}$	78,233,600,000 $\frac{153,012,404,223}{153,012,404,223}$	99,999 $\frac{6,120,488,169}{6,120,496,169}$	78,233,600,000 $\frac{6,120,496,169}{6,120,496,169}$					
778,240	19,456,000,000 $\frac{625}{4,864}$	19,455,999,999 $\frac{4,239}{4,864}$	100,000 $\frac{200,000}{151,414,374,399}$	77,824,000,000 $\frac{151,414,374,399}{151,414,374,399}$	99,999 $\frac{151,414,174,401}{151,414,374,401}$	77,824,000,000 $\frac{151,414,374,401}{151,414,374,401}$					
774,144	19,353,600,000 $\frac{3,125}{24,192}$	19,353,599,999 $\frac{21,067}{24,192}$	100,000 $\frac{200,000}{149,824,733,183}$	77,414,400,000 $\frac{149,824,733,183}{149,824,733,183}$	99,999 $\frac{29,964,906,637}{29,964,946,637}$	77,414,400,000 $\frac{29,964,946,637}{29,964,946,637}$					
770,048	19,251,200,000 $\frac{3,125}{24,064}$	19,251,199,999 $\frac{20,939}{24,064}$	100,000 $\frac{8,000}{5,919,739,223}$	3,080,192,000 $\frac{5,919,739,223}{5,919,739,223}$	99,999 $\frac{148,243,280,577}{148,243,480,577}$	3,080,192,000 $\frac{148,243,480,577}{148,243,480,577}$					
765,952	19,148,800,000 $\frac{3,125}{23,936}$	19,148,799,999 $\frac{20,811}{23,936}$	100,000 $\frac{8,000}{5,866,664,663}$	3,063,808,000 $\frac{5,866,664,663}{5,866,664,663}$	99,999 $\frac{146,666,416,577}{146,666,616,577}$	3,063,808,000 $\frac{146,666,616,577}{146,666,616,577}$					
761,856	19,046,400,000 $\frac{3,125}{23,808}$	19,046,399,999 $\frac{20,683}{23,808}$	100,000 $\frac{200,000}{145,106,141,183}$	76,185,600,000 $\frac{145,106,141,183}{145,106,141,183}$	99,999 $\frac{29,021,188,237}{29,021,228,237}$	76,185,600,000 $\frac{29,021,228,237}{29,021,228,237}$					
757,760	18,944,000,000 $\frac{625}{4,736}$	18,943,999,999 $\frac{4,111}{4,736}$	100,000 $\frac{200,000}{143,550,054,399}$	75,776,000,000 $\frac{143,550,054,399}{143,550,054,399}$	99,999 $\frac{143,549,854,401}{143,550,054,401}$	75,776,000,000 $\frac{143,550,054,401}{143,550,054,401}$					
753,664	18,841,600,000 $\frac{3,125}{23,552}$	18,841,599,999 $\frac{20,427}{23,552}$	100,000 $\frac{40,000}{142,002,356,223}$	75,366,400,000 $\frac{142,002,356,223}{142,002,356,223}$	99,999 $\frac{5,680,086,249}{5,680,094,249}$	75,366,400,000 $\frac{5,680,094,249}{5,680,094,249}$					
749,568	18,739,200,000 $\frac{3,125}{23,424}$	18,739,199,999 $\frac{20,299}{23,424}$	100,000 $\frac{40,000}{140,921,360,000}$	74,991,360,000 $\frac{140,921,360,000}{140,921,360,000}$	99,999 $\frac{140,462,846,657}{140,463,046,657}$	74,991,360,000 $\frac{140,463,046,657}{140,463,046,657}$					
745,472	18,636,800,000 $\frac{3,125}{23,296}$	18,636,799,999 $\frac{20,171}{23,296}$	100,000 $\frac{40,000}{140,909,440,000}$	74,590,440,000 $\frac{140,909,440,000}{140,909,440,000}$	99,999 $\frac{138,931,925,697}{138,932,125,697}$	74,590,440,000 $\frac{138,932,125,697}{138,932,125,697}$					
741,376	18,534,400,000 $\frac{3,125}{23,168}$	18,534,399,999 $\frac{20,043}{23,168}$	100,000 $\frac{200,000}{137,409,593,343}$	74,137,600,000 $\frac{137,409,593,343}{137,409,593,343}$	99,999 $\frac{27,481,878,669}{27,481,918,669}$	74,137,600,000 $\frac{27,481,918,669}{27,481,918,669}$					
737,280	18,432,000,000 $\frac{625}{4,608}$	18,431,999,999 $\frac{3,983}{4,608}$	100,000 $\frac{200,000}{135,895,449,599}$	73,728,000,000 $\frac{135,895,449,599}{135,895,449,599}$	99,999 $\frac{135,895,249,601}{135,895,449,601}$	73,728,000,000 $\frac{135,895,449,601}{135,895,449,601}$					
733,184	18,329,600,000 $\frac{3,125}{22,912}$	18,329,599,999 $\frac{19,787}{22,912}$	100,000 $\frac{200,000}{134,389,694,463}$	73,318,400,000 $\frac{134,389,694,463}{134,389,694,463}$	99,999 $\frac{26,877,893,893}{26,877,938,893}$	73,318,400,000 $\frac{26,877,938,893}{26,877,938,893}$					
729,088	18,227,200,000 $\frac{3,125}{22,784}$	18,227,199,999 $\frac{19,659}{22,784}$	100,000 $\frac{40,000}{14,581,760,000}$	72,917,600,000 $\frac{14,581,760,000}{14,581,760,000}$	99,999 $\frac{132,892,127,937}{132,892,327,937}$	72,917,600,000 $\frac{132,892,327,937}{132,892,327,937}$					
724,992	18,124,800,000 $\frac{3,125}{22,656}$	18,124,799,999 $\frac{19,531}{22,656}$	100,000 $\frac{40,000}{14,499,840,000}$	72,499,840,000 $\frac{14,499,840,000}{14,499,840,000}$	99,999 $\frac{131,403,150,017}{131,403,350,017}$	72,499,840,000 $\frac{131,403,350,017}{131,403,350,017}$					
720,896	18,022,400,000 $\frac{3,125}{22,528}$	18,022,399,999 $\frac{19,403}{22,528}$	100,000 $\frac{200,000}{129,922,760,703}$	72,089,600,000 $\frac{129,922,760,703}{129,922,760,703}$	99,999 $\frac{25,984,472,141}{25,984,552,141}$	72,089,600,000 $\frac{25,984,552,141}{25,984,552,141}$					
716,800	17,920,000,000 $\frac{125}{896}$	17,919,999,999 $\frac{771}{896}$	100,000 $\frac{200,000}{128,453,759,999}$	71,680,000,000 $\frac{128,453,759,999}{128,453,759,999}$	99,999 $\frac{128,453,560,001}{128,453,760,001}$	71,680,000,000 $\frac{128,453,760,001}{128,453,760,001}$					
712,704	17,817,600,000 $\frac{3,125}{22,172}$	17,817,599,999 $\frac{19,147}{22,172}$	100,000 $\frac{200,000}{126,986,747,903}$	71,270,400,000 $\frac{126,986,747,903}{126,986,747,903}$	99,999 $\frac{25,397,309,581}{25,397,349,581}$	71,270,400,000 $\frac{25,397,349,581}{25,397,349,581}$					
708,608	17,715,200,000 $\frac{3,125}{22,144}$	17,715,199,999 $\frac{19,019}{22,144}$	100,000 $\frac{40,000}{25,106,264,883}$	14,172,160,000 $\frac{25,106,264,883}{25,106,264,883}$	99,999 $\frac{125,531,124,417}{125,531,324,417}$	14,172,160,000 $\frac{125,531,324,417}{125,531,324,417}$					
704,512	17,612,800,000 $\frac{3,125}{22,016}$	17,612,799,999 $\frac{18,891}{22,016}$	100,000 $\frac{40,000}{24,816,859,907}$	14,090,240,000 $\frac{24,816,859,907}{24,816,859,907}$	99,999 $\frac{124,084,089,537}{124,084,289,537}$	14,090,240,000 $\frac{124,084,289,537}{124,084,289,537}$					
700,416	17,510,400,000 $\frac{3,125}{21,888}$	17,510,399,999 $\frac{18,763}{21,888}$	100,000 $\frac{200,000}{122,645,643,263}$	70,041,600,000 $\frac{122,645,643,263}{122,645,643,263}$	99,999 $\frac{24,529,088,653}{24,529,128,653}$	70,041,600,000 $\frac{24,529,128,653}{24,529,128,653}$					
696,320	17,408,000,000 $\frac{625}{4,352}$	17,407,999,999 $\frac{3,727}{4,352}$	100,000 $\frac{200,000}{121,215,385,599}$	69,632,000,000 $\frac{121,215,385,599}{121,215,385,599}$	99,999 $\frac{121,215,185,601}{121,215,385,601}$	69,632,000,000 $\frac{121,215,385,601}{121,215,385,601}$					
692,224	17,305,600,000 $\frac{3,125}{21,632}$	17,305,599,999 $\frac{18,507}{21,632}$	100,000 $\frac{200,000}{119,793,516,543}$	69,222,400,000 $\frac{119,793,516,543}{119,793,516,543}$	99,999 $\frac{23,958,663,309}{23,958,703,309}$	69,222,400,000 $\frac{23,958,703,309}{23,958,703,309}$					
Numeri primi Bases.	Hypotenusa 100,000 Basis	Perpendicularum	Hypotenusa 100,000 Perpendicularum	Basis	Perpendicularum	Hypotenusa 100,000 Basis	Basis	Perpendicularum	Hypotenusa	Basis	Perpendicularum



# LATERVM RATIONALIVM.

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SERIES I.		SERIES II.		SERIES III.		
68,812,800,000	99,999	118,379,836,997	100,000	40,000	17,203,199,999	688,128
118,380,036,097		118,380,036,097	23,676,007,219	23,676,007,219	17,203,200,000	
68,403,200,000	99,999	116,974,744,257	100,000	40,000	17,100,799,999	684,032
116,974,944,257		116,974,944,257	23,394,988,851	23,394,988,851	17,100,800,000	
2,719,744,000	99,999	4,623,121,641	100,000	200,000	16,998,399,999	679,936
4,623,129,641		4,623,129,641	115,578,241,023	115,578,241,023	16,998,400,000	
67,584,000,000	99,999	114,189,716,401	100,000	200,000	16,895,999,999	675,840
114,189,926,401		114,189,926,401	114,189,926,399	114,189,926,399	16,896,000,000	
13,434,880,000	99,999	22,561,958,541	100,000	200,000	16,793,599,999	671,744
22,561,998,541		22,561,998,541	112,809,992,703	112,809,992,703	16,793,600,000	
66,764,800,000	99,999	111,438,262,977	100,000	8,000	16,691,199,999	667,648
111,438,462,977		111,438,462,977	4,457,538,519	4,457,538,519	16,691,200,000	
66,355,200,000	99,999	110,075,114,177	100,000	8,000	16,588,799,999	663,552
110,075,314,177		110,075,314,177	4,403,012,567	4,403,012,567	16,588,800,000	
13,189,120,000	99,999	21,744,070,797	100,000	200,000	16,486,399,999	659,456
21,744,110,797		21,744,110,797	108,720,553,983	108,720,553,983	16,486,400,000	
65,536,000,000	99,999	107,373,982,401	100,000	200,000	16,383,999,999	655,360
107,374,182,401		107,374,182,401	107,374,182,399	107,374,182,399	16,384,000,000	
2,605,056,000	99,999	4,241,439,977	100,000	200,000	16,281,599,999	651,264
4,241,447,977		4,241,447,977	106,036,199,423	106,036,199,423	16,281,600,000	
64,716,800,000	99,999	104,706,405,057	100,000	40,000	16,179,199,999	647,168
104,706,605,057		104,706,605,057	20,941,321,011	20,941,321,011	16,179,200,000	
64,307,200,000	99,999	103,385,199,297	100,000	40,000	16,076,799,999	643,072
103,385,399,297		103,385,399,297	20,677,079,859	20,677,079,859	16,076,800,000	
20,414,516,429	99,999	20,414,516,429	63,897,600,000	63,897,600,000	15,974,399,999	638,976
63,488,000,000		63,488,000,000	102,072,582,143	102,072,582,143	15,974,400,000	
100,768,153,601	99,999	100,768,153,601	63,488,000,000	63,488,000,000	15,871,999,999	634,880
100,768,153,601		100,768,153,601	100,768,153,599	100,768,153,599	15,872,000,000	
12,615,680,000	99,999	19,894,422,733	100,000	200,000	15,769,599,999	630,784
19,894,422,733		19,894,422,733	99,472,113,663	99,472,113,663	15,769,600,000	
62,668,800,000	99,999	98,184,262,337	100,000	40,000	15,667,199,999	626,688
98,184,462,337		98,184,462,337	19,636,892,467	19,636,892,467	15,667,200,000	
62,259,200,000	99,999	96,904,999,617	100,000	40,000	15,564,799,999	622,592
96,905,199,617		96,905,199,617	19,381,039,923	19,381,039,923	15,564,800,000	
12,359,920,000	99,999	19,126,865,101	100,000	200,000	15,462,399,999	618,496
19,126,865,101		19,126,865,101	95,634,325,503	95,634,325,503	15,462,400,000	
61,440,000,000	99,999	94,371,640,001	100,000	200,000	15,359,999,999	614,400
94,371,840,001		94,371,840,001	94,371,839,999	94,371,839,999	15,360,000,000	
12,206,080,000	99,999	18,623,488,621	100,000	200,000	15,257,599,999	610,304
18,623,528,621		18,623,528,621	93,117,743,103	93,117,743,103	15,257,600,000	
60,620,800,000	99,999	91,871,834,817	100,000	40,000	15,155,199,999	606,208
91,872,034,817		91,872,034,817	18,374,406,963	18,374,406,963	15,155,200,000	
60,211,200,000	99,999	90,634,505,137	100,000	40,000	15,052,799,999	602,112
90,634,705,137		90,634,705,137	18,126,941,027	18,126,941,027	15,052,800,000	
11,960,320,000	99,999	17,881,116,813	100,000	200,000	14,950,399,999	598,016
17,881,156,813		17,881,156,813	89,405,784,063	89,405,784,063	14,950,400,000	
59,392,000,000	99,999	88,185,041,601	100,000	200,000	14,847,999,999	593,920
88,185,241,601		88,185,241,601	88,185,241,599	88,185,241,599	14,848,000,000	
11,796,480,000	99,999	17,394,577,559	100,000	200,000	14,745,599,999	589,824
17,394,617,559		17,394,617,559	86,973,087,743	86,973,087,743	14,745,600,000	
58,572,800,000	99,999	85,769,122,497	100,000	40,000	14,643,199,999	585,728
85,769,322,497		85,769,322,497	17,153,864,499	17,153,864,499	14,643,200,000	
84,163,200,000	99,999	84,573,745,857	100,000	40,000	14,540,799,999	581,632
84,573,945,857		84,573,945,857	16,914,789,171	16,914,789,171	14,540,800,000	
2,310,144,000	99,999	3,335,470,313	100,000	200,000	14,438,399,999	577,536
3,335,478,313		3,335,478,313	83,386,957,823	83,386,957,823	14,438,400,000	
57,344,000,000	99,999	82,210,206,401	100,000	200,000	14,335,999,999	573,440
82,210,406,401		82,210,406,401	82,210,406,399	82,210,406,399	14,336,000,000	
11,386,880,000	99,999	16,208,900,237	100,000	200,000	14,233,599,999	569,344
16,208,940,237		16,208,940,237	81,044,701,183	81,044,701,183	14,233,600,000	
56,524,800,000	99,999	79,918,068,417	100,000	40,000	14,131,199,999	565,248
79,918,268,417		79,918,268,417	15,983,653,683	15,983,653,683	14,131,200,000	
56,115,200,000	99,999	78,722,691,777	100,000	8,000	14,028,799,999	561,152
78,722,891,777		78,722,891,777	3,148,915,671	3,148,915,671	14,028,800,000	
11,141,120,000	99,999	15,515,529,357	100,000	200,000	13,926,399,999	557,056
15,515,569,357		15,515,569,357	77,577,846,783	77,577,846,783	13,926,400,000	
55,296,000,000	99,999	76,440,990,401	100,000	200,000	13,823,999,999	552,960
76,441,190,401		76,441,190,401	76,441,190,399	76,441,190,399	13,824,000,000	
Basis	Perpendicularum	Basis	Hypotenusa	Perpendicularum	Hypotenusa	Numeri primi Bases.
100,000		100,000		100,000		
Hypotenusa		Perpendicularum		Basis		

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	SERIES III.				SERIES II.				SERIES I.			
548,864	13,721,600,000	$\frac{3,125}{17,152}$	13,721,599,999	$\frac{14,027}{17,152}$	100,000	$\frac{200,000}{75,312,922,623}$	54,886,400,000	99,999	$\frac{602,501,781}{602,503,381}$	439,091,200	$\frac{602,503,381}{602,503,381}$	
544,768	13,619,200,000	$\frac{3,125}{17,024}$	13,619,199,999	$\frac{13,899}{17,024}$	100,000	$\frac{40,000}{14,838,608,691}$	11,895,360,000	99,999	$\frac{74,192,843,457}{74,193,043,457}$	54,476,800,000	$\frac{74,193,043,457}{74,193,043,457}$	
540,672	13,516,800,000	$\frac{3,125}{16,896}$	13,516,799,999	$\frac{13,771}{16,896}$	100,000	$\frac{40,000}{14,616,310,579}$	10,813,440,000	99,999	$\frac{73,081,352,897}{73,081,552,897}$	54,067,200,000	$\frac{73,081,552,897}{73,081,552,897}$	
536,576	13,414,400,000	$\frac{3,125}{16,768}$	13,414,399,999	$\frac{13,643}{16,768}$	100,000	$\frac{200,000}{71,978,450,943}$	53,657,600,000	99,999	$\frac{14,395,650,189}{14,395,690,189}$	10,731,520,000	$\frac{14,395,690,189}{14,395,690,189}$	
532,480	13,312,000,000	$\frac{525}{3,328}$	13,311,999,999	$\frac{2,703}{3,328}$	100,000	$\frac{200,000}{70,883,737,599}$	53,248,000,000	99,999	$\frac{70,883,537,601}{70,883,737,601}$	53,248,000,000	$\frac{70,883,737,601}{70,883,737,601}$	
528,384	13,209,600,000	$\frac{3,125}{16,512}$	13,209,599,999	$\frac{13,387}{16,512}$	100,000	$\frac{200,000}{69,797,412,863}$	52,838,400,000	99,999	$\frac{13,959,442,573}{13,959,482,573}$	10,567,680,000	$\frac{13,959,482,573}{13,959,482,573}$	
524,288	13,107,200,000	$\frac{3,125}{16,384}$	13,107,199,999	$\frac{13,259}{16,384}$	100,000	$\frac{40,000}{13,743,895,347}$	10,485,760,000	99,999	$\frac{68,719,276,737}{68,719,476,737}$	52,428,800,000	$\frac{68,719,476,737}{68,719,476,737}$	
520,192	13,004,800,000	$\frac{3,125}{16,256}$	13,004,799,999	$\frac{13,131}{16,256}$	100,000	$\frac{40,000}{13,529,985,843}$	10,403,840,000	99,999	$\frac{67,649,719,217}{67,649,919,217}$	52,019,200,000	$\frac{67,649,919,217}{67,649,919,217}$	
516,096	12,902,400,000	$\frac{3,125}{16,128}$	12,902,399,999	$\frac{13,003}{16,128}$	100,000	$\frac{200,000}{66,588,770,303}$	51,609,600,000	99,999	$\frac{13,317,714,061}{13,317,754,061}$	10,321,920,000	$\frac{13,317,754,061}{13,317,754,061}$	
512,000	12,800,000,000	$\frac{25}{128}$	12,799,999,999	$\frac{103}{128}$	100,000	$\frac{200,000}{65,535,999,999}$	51,200,000,000	99,999	$\frac{65,535,800,001}{65,535,000,001}$	51,200,000,000	$\frac{65,535,000,001}{65,535,000,001}$	
507,904	12,697,600,000	$\frac{3,125}{15,872}$	12,697,599,999	$\frac{12,747}{15,872}$	100,000	$\frac{200,000}{64,491,618,303}$	50,790,400,000	99,999	$\frac{12,898,283,661}{12,898,323,661}$	10,158,080,000	$\frac{12,898,323,661}{12,898,323,661}$	
503,808	12,595,200,000	$\frac{3,125}{15,744}$	12,595,199,999	$\frac{12,619}{15,744}$	100,000	$\frac{40,000}{12,691,125,043}$	10,076,160,000	99,999	$\frac{63,455,425,217}{63,455,625,217}$	50,380,800,000	$\frac{63,455,625,217}{63,455,625,217}$	
499,712	12,492,800,000	$\frac{3,125}{15,616}$	12,492,799,999	$\frac{12,491}{15,616}$	100,000	$\frac{40,000}{12,485,604,147}$	9,994,240,000	99,999	$\frac{62,427,820,737}{62,428,020,737}$	49,971,200,000	$\frac{62,428,020,737}{62,428,020,737}$	
495,616	12,390,400,000	$\frac{3,125}{15,488}$	12,390,399,999	$\frac{12,363}{15,488}$	100,000	$\frac{200,000}{61,408,804,863}$	49,561,600,000	99,999	$\frac{12,281,720,973}{12,281,760,973}$	9,912,320,000	$\frac{12,281,760,973}{12,281,760,973}$	
491,520	12,288,000,000	$\frac{625}{3,072}$	12,287,999,999	$\frac{2,447}{3,072}$	100,000	$\frac{200,000}{60,397,977,599}$	49,152,000,000	99,999	$\frac{60,397,777,601}{60,397,977,601}$	49,152,000,000	$\frac{60,397,977,601}{60,397,977,601}$	
487,424	12,185,600,000	$\frac{3,125}{15,360}$	12,185,599,999	$\frac{12,107}{15,360}$	100,000	$\frac{200,000}{59,395,538,943}$	48,742,400,000	99,999	$\frac{11,879,067,789}{11,879,107,789}$	9,748,480,000	$\frac{11,879,107,789}{11,879,107,789}$	
483,328	12,083,200,000	$\frac{3,125}{15,232}$	12,083,199,999	$\frac{11,979}{15,232}$	100,000	$\frac{40,000}{11,680,297,779}$	9,666,560,000	99,999	$\frac{58,401,288,897}{58,401,488,897}$	48,332,800,000	$\frac{58,401,488,897}{58,401,488,897}$	
479,232	11,980,800,000	$\frac{3,125}{14,976}$	11,980,799,999	$\frac{11,851}{14,976}$	100,000	$\frac{40,000}{11,483,165,491}$	9,584,640,000	99,999	$\frac{57,415,627,457}{57,415,827,457}$	47,923,200,000	$\frac{57,415,827,457}{57,415,827,457}$	
475,136	11,878,400,000	$\frac{3,125}{14,848}$	11,878,399,999	$\frac{11,723}{14,848}$	100,000	$\frac{200,000}{56,438,554,623}$	47,513,600,000	99,999	$\frac{45,150,63,37}{45,150,8,437}$	380,108,800	$\frac{45,150,8,437}{45,150,8,437}$	
471,040	11,776,000,000	$\frac{625}{2,944}$	11,775,999,999	$\frac{2,319}{2,944}$	100,000	$\frac{200,000}{55,469,670,399}$	47,104,000,000	99,999	$\frac{55,469,470,401}{55,469,670,401}$	47,104,000,000	$\frac{55,469,670,401}{55,469,670,401}$	
466,944	11,673,600,000	$\frac{3,125}{14,592}$	11,673,599,999	$\frac{11,467}{14,592}$	100,000	$\frac{200,000}{54,509,174,783}$	46,694,400,000	99,999	$\frac{10,901,794,957}{10,901,834,957}$	9,338,880,000	$\frac{10,901,834,957}{10,901,834,957}$	
462,848	11,571,200,000	$\frac{3,125}{14,464}$	11,571,199,999	$\frac{13,339}{14,464}$	100,000	$\frac{320}{84,181,359}$	73,400,320	99,999	$\frac{53,556,867,777}{53,557,067,777}$	46,284,800,000	$\frac{53,557,067,777}{53,557,067,777}$	
458,752	11,468,800,000	$\frac{3,125}{14,336}$	11,468,799,999	$\frac{11,211}{14,336}$	100,000	$\frac{320}{84,181,359}$	73,400,320	99,999	$\frac{52,613,349,377}{52,613,349,377}$	45,875,200,000	$\frac{52,613,349,377}{52,613,349,377}$	
454,656	11,366,400,000	$\frac{3,125}{14,208}$	11,366,399,999	$\frac{11,083}{14,208}$	100,000	$\frac{200,000}{51,678,019,583}$	45,465,600,000	99,999	$\frac{10,335,563,917}{10,335,603,917}$	9,093,120,000	$\frac{10,335,603,917}{10,335,603,917}$	
450,560	11,264,000,000	$\frac{625}{2,816}$	11,263,999,999	$\frac{2,191}{2,816}$	100,000	$\frac{200,000}{50,751,078,399}$	45,056,000,000	99,999	$\frac{50,750,878,401}{50,751,078,401}$	45,056,000,000	$\frac{50,751,078,401}{50,751,078,401}$	
446,464	11,161,600,000	$\frac{3,125}{13,952}$	11,161,599,999	$\frac{10,827}{13,952}$	100,000	$\frac{200,000}{49,832,525,823}$	44,646,400,000	99,999	$\frac{1,993,293,033}{1,993,301,033}$	1,785,856,000	$\frac{1,993,301,033}{1,993,301,033}$	
442,368	11,059,200,000	$\frac{3,125}{13,824}$	11,059,199,999	$\frac{10,699}{13,824}$	100,000	$\frac{40,000}{9,784,472,371}$	8,847,360,000	99,999	$\frac{48,922,161,857}{48,922,361,857}$	44,236,800,000	$\frac{48,922,361,857}{48,922,361,857}$	
438,272	10,956,800,000	$\frac{3,125}{13,696}$	10,956,799,999	$\frac{10,571}{13,696}$	100,000	$\frac{40,000}{9,604,117,299}$	8,765,440,000	99,999	$\frac{48,020,386,497}{48,020,586,497}$	43,827,200,000	$\frac{48,020,586,497}{48,020,586,497}$	
434,176	10,854,400,000	$\frac{3,125}{13,568}$	10,854,399,999	$\frac{10,443}{13,568}$	100,000	$\frac{200,000}{47,127,199,743}$	43,417,600,000	99,999	$\frac{9,425,399,849}{9,425,439,849}$	8,683,520,000	$\frac{9,425,439,849}{9,425,439,849}$	
430,080	10,752,000,000	$\frac{625}{2,688}$	10,751,999,999	$\frac{2,063}{2,688}$	100,000	$\frac{200,000}{46,242,201,599}$	43,008,000,000	99,999	$\frac{46,242,001,601}{46,242,201,601}$	43,008,000,000	$\frac{46,242,201,601}{46,242,201,601}$	
425,984	10,649,600,000	$\frac{3,125}{13,312}$	10,649,599,999	$\frac{10,187}{13,312}$	100,000	$\frac{200,000}{45,365,592,063}$	42,598,400,000	99,999	$\frac{9,073,078,413}{9,073,118,413}$	8,519,680,000	$\frac{9,073,118,413}{9,073,118,413}$	
421,888	10,547,200,000	$\frac{3,125}{13,184}$	10,547,199,999	$\frac{10,059}{13,184}$	100,000	$\frac{40,000}{8,899,474,227}$	8,437,760,000	99,999	$\frac{44,497,171,137}{44,497,371,137}$	42,188,800,000	$\frac{44,497,371,137}{44,497,371,137}$	
417,792	10,444,800,000	$\frac{3,125}{13,056}$	10,444,799,999	$\frac{9,931}{13,056}$	100,000	$\frac{40,000}{8,727,507,763}$	8,355,840,000	99,999	$\frac{43,637,338,817}{43,637,538,817}$	41,779,200,000	$\frac{43,637,538,817}{43,637,538,817}$	
413,696	10,342,400,000	$\frac{3,125}{12,928}$	10,342,399,999	$\frac{9,803}{12,928}$	100,000	$\frac{200,000}{42,786,095,103}$	41,369,600,000	99,999	$\frac{8,557,179,021}{8,557,219,021}$	8,273,920,000	$\frac{8,557,219,021}{8,557,219,021}$	
Numeri primi Bases.	Hypotenusa Perpendicularum 100,000 Basis				Hypotenusa Basis 100,000 Perpendicularum				Perpendicularum Basis 100,000 Hypotenusa			



# LATERVM RATIONALIVM.

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SERIES I.			SERIES II.			SERIES III.		
40,960,000,000	99,999	41,942,840,001	40,960,000,000	100,000	200,000	10,239,999,999	387	10,240,000,000
41,943,040,001		41,943,040,001	41,943,039,999		41,943,039,999		512	
40,755,200,000	99,999	41,524,458,177	1,630,208,000	100,000	8,000	10,188,799,999	9,611	10,188,800,000
41,524,658,177		41,524,658,177	1,660,986,327		1,660,986,327		12,736	
8,110,080,000	99,999	8,221,634,701	40,550,400,000	100,000	200,000	10,137,599,999	9,547	10,137,600,000
8,221,674,701		8,221,674,701	41,108,373,503		41,108,373,503		12,672	
8,069,120,000	99,999	8,138,797,197	40,345,600,000	100,000	200,000	10,086,399,999	9,483	10,086,400,000
8,138,837,197		8,138,837,197	40,694,185,983		40,694,185,983		12,608	
40,140,800,000	99,999	40,281,895,617	8,028,160,000	100,000	40,000	10,035,199,999	9,419	10,035,200,000
40,282,095,617		40,282,095,617	8,056,419,123		8,056,419,123		12,544	
63,897,599	99,999	39,871,902,401	63,897,601	100,000	200,000	9,983,999,999	2,871	9,984,000,000
39,872,102,401		39,872,102,401	39,872,102,399		39,872,102,399		2,496	
266,993,663	99,999	39,464,006,337	53,398,733	100,000	40,000	9,932,799,999	9,291	9,932,800,000
39,464,206,337		39,464,206,337	7,892,841,267		7,892,841,267		12,416	
18,719,703	99,999	1,562,348,297	467,992,577	160,000	200,000	9,881,599,999	9,227	9,881,600,000
1,562,356,297		1,562,356,297	39,058,407,423		39,058,407,423		12,352	
133,378,867	99,999	7,730,901,133	666,894,337	100,001	200,000	9,830,399,999	9,163	9,830,400,000
7,730,941,133		7,730,941,133	38,654,705,663		38,654,705,663		12,288	
863,698,943	99,999	38,252,901,057	172,739,789	109,000	40,000	9,779,199,999	9,099	9,779,200,000
38,253,101,057		38,253,101,057	7,650,620,211		7,650,620,211		12,224	
1,058,406,399	99,999	37,853,393,601	1,058,406,401	100,000	200,000	9,727,999,999	1,807	9,728,000,000
37,853,593,601		37,853,593,601	37,853,593,599		37,853,593,599		2,432	
1,251,016,703	99,999	37,455,983,297	250,203,341	100,000	40,000	9,676,799,999	8,971	9,676,800,000
37,456,183,297		37,456,183,297	7,491,236,659		7,491,236,659		12,096	
288,305,971	99,999	7,412,134,029	1,441,529,857	109,000	200,000	9,625,599,999	8,907	9,625,600,000
7,412,174,029		7,412,174,029	37,060,870,143		37,060,870,143		12,032	
325,989,171	99,999	7,333,290,829	1,629,945,857	100,000	200,000	9,574,399,999	8,843	9,574,400,000
7,333,330,829		7,333,330,829	36,666,654,143		36,666,654,143		11,968	
1,816,264,703	99,999	36,276,335,297	363,252,941	100,000	40,000	9,523,199,999	8,779	9,523,200,000
36,276,535,297		36,276,535,297	7,255,307,059		7,255,307,059		11,904	
2,000,486,399	99,999	35,887,313,601	2,000,486,401	100,000	200,000	9,471,999,999	1,743	9,472,000,000
25,887,513,601		35,887,513,601	35,887,513,599		35,887,513,599		2,368	
2,182,610,943	99,999	35,500,589,057	436,522,189	100,000	40,000	9,420,799,999	8,651	9,420,800,000
35,500,589,057		35,500,589,057	7,100,117,811		7,100,117,811		11,776	
472,527,667	99,999	7,023,112,333	2,362,638,337	100,000	290,000	9,369,599,999	8,587	9,369,600,000
7,023,152,333		7,023,152,333	35,115,761,663		35,115,761,663		11,712	
101,622,743	99,999	1,389,313,257	2,540,568,577	100,000	200,000	9,318,399,999	8,523	9,318,400,000
1,389,321,257		1,389,321,257	34,733,031,423		34,733,031,423		11,648	
2,716,401,663	99,999	64,352,198,337	543,280,333	100,000	40,000	9,267,199,999	8,459	9,267,200,000
34,352,398,337		34,352,398,337	6,870,479,667		6,870,479,667		11,584	
2,890,137,599	99,999	33,973,662,401	2,890,137,601	100,000	200,000	9,215,999,999	1,679	9,216,000,000
33,973,862,401		33,973,862,401	33,973,862,399		33,973,862,399		2,304	
3,061,776,383	99,999	33,597,223,617	612,355,277	100,000	40,000	9,164,799,999	8,331	9,164,800,000
33,597,423,617		33,597,423,617	6,719,484,723		6,719,484,723		11,456	
646,343,603	99,999	6,644,576,397	3,231,718,017	100,000	200,000	9,113,599,999	8,267	9,113,600,000
6,644,616,397		6,644,616,397	33,223,081,983		33,223,081,983		11,392	
679,752,499	99,999	6,570,127,501	3,398,762,497	100,000	200,000	9,062,399,999	8,203	9,062,400,000
6,570,167,501		6,570,167,501	32,850,837,503		32,850,837,503		11,328	
3,564,109,823	99,999	32,480,490,177	142,564,393	100,000	8,000	9,011,199,999	8,139	9,011,200,000
32,480,690,177		32,480,690,177	1,299,227,607		1,299,227,607		11,264	
3,727,359,999	99,999	32,113,240,001	3,727,360,001	100,000	200,000	8,959,999,999	323	8,960,000,000
32,113,440,001		32,113,440,001	32,113,439,999		32,113,439,999		448	
3,888,513,023	99,999	31,746,486,977	155,540,521	100,000	8,000	8,908,799,999	8,011	8,908,800,000
31,746,686,977		31,746,686,977	1,269,867,479		1,269,867,479		11,136	
809,513,779	99,999	6,276,526,221	4,047,568,897	100,000	200,000	8,857,599,999	7,947	8,857,600,000
6,276,566,221		6,276,566,221	31,382,831,103		31,382,831,103		11,072	
840,905,523	99,999	6,204,174,477	4,204,527,617	100,000	200,000	8,806,399,999	7,883	8,806,400,000
6,204,214,477		6,204,214,477	31,021,072,383		31,021,072,383		11,008	
4,359,389,183	99,999	30,661,210,817	971,877,837	100,000	40,000	8,755,199,999	7,819	8,755,200,000
30,661,410,817		30,661,410,817	6,132,282,163		6,132,282,163		10,944	
4,512,153,599	99,999	30,303,646,401	4,512,153,601	100,000	200,000	8,703,999,999	1,551	8,704,000,000
30,303,846,401		30,303,846,401	30,303,846,399		30,303,846,399		2,176	
4,662,820,863	99,999	29,948,179,137	932,564,173	100,000	40,000	8,652,799,999	7,691	8,652,800,000
29,948,379,137		29,948,379,137	5,989,675,827		5,989,675,827		10,816	
Basis Perpendicularum			Basis Hypotenusa			Perpendicularum Hypotenusa		
100,000			100,000			100,000		
Hypotenusa			Perpendicularum			Basis		



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
344,064	8,601,600,000	$\frac{3,125}{10,752}$	8,601,599,999	$\frac{7,527}{10,752}$	100,000	$\frac{200,000}{29,595,009,023}$	I	$\frac{4,811,390,977}{29,595,009,023}$	99,999	$\frac{1,183,792,361}{1,183,800,361}$	I	$\frac{192,455,639}{2,183,800,361}$
342,016	8,550,400,000	$\frac{3,125}{10,688}$	8,550,399,999	$\frac{7,563}{10,688}$	100,000	$\frac{200,000}{29,243,736,063}$	I	$\frac{4,957,863,937}{29,243,736,063}$	99,999	$\frac{5,848,707,213}{5,848,747,213}$	I	$\frac{991,572,787}{5,848,747,213}$
339,968	8,499,200,000	$\frac{3,125}{10,624}$	8,499,199,999	$\frac{7,499}{10,624}$	100,000	$\frac{40,000}{5,778,912,051}$	I	$\frac{1,620,447,949}{5,778,912,051}$	99,999	$\frac{28,894,360,257}{28,894,560,257}$	I	$\frac{5,102,239,743}{28,894,560,257}$
337,920	8,448,000,000	$\frac{625}{2,112}$	8,447,999,999	$\frac{1,487}{2,112}$	100,000	$\frac{200,000}{28,547,481,599}$	I	$\frac{5,244,518,401}{28,547,481,599}$	99,999	$\frac{28,547,281,601}{28,547,481,601}$	I	$\frac{5,244,518,399}{28,547,481,601}$
335,872	8,396,800,000	$\frac{3,125}{10,496}$	8,396,799,999	$\frac{7,371}{10,496}$	100,000	$\frac{40,000}{5,640,500,019}$	I	$\frac{1,076,939,981}{5,640,500,019}$	99,999	$\frac{28,202,300,097}{28,202,500,097}$	I	$\frac{5,384,699,903}{28,202,500,097}$
333,824	8,345,600,000	$\frac{3,125}{10,432}$	8,345,599,999	$\frac{7,307}{10,432}$	100,000	$\frac{200,000}{27,859,615,743}$	I	$\frac{5,522,784,257}{27,859,615,743}$	99,999	$\frac{5,571,883,149}{5,571,923,149}$	I	$\frac{1,104,556,851}{5,571,923,149}$
331,776	8,294,400,000	$\frac{3,125}{10,368}$	8,294,399,999	$\frac{7,243}{10,368}$	100,000	$\frac{200,000}{27,518,828,543}$	I	$\frac{5,658,771,457}{27,518,828,543}$	99,999	$\frac{5,503,725,709}{5,503,765,709}$	I	$\frac{1,131,754,291}{5,503,765,709}$
329,728	8,243,200,000	$\frac{3,125}{10,304}$	8,243,199,999	$\frac{7,179}{10,304}$	100,000	$\frac{40,000}{5,436,027,699}$	I	$\frac{1,158,532,301}{5,436,027,699}$	99,999	$\frac{27,179,938,497}{27,180,138,497}$	I	$\frac{5,792,661,503}{27,180,138,497}$
327,680	8,192,000,000	$\frac{625}{2,048}$	8,191,999,999	$\frac{1,423}{2,048}$	100,000	$\frac{200,000}{26,843,545,599}$	I	$\frac{5,924,454,401}{26,843,545,599}$	99,999	$\frac{26,843,345,601}{26,843,545,601}$	I	$\frac{5,924,454,399}{26,843,545,601}$
325,632	8,140,800,000	$\frac{3,125}{10,176}$	8,140,799,999	$\frac{7,051}{10,176}$	100,000	$\frac{40,009}{5,301,809,971}$	I	$\frac{1,210,830,029}{5,301,809,971}$	99,999	$\frac{26,508,849,857}{26,509,049,857}$	I	$\frac{6,054,150,143}{26,509,049,857}$
323,584	8,089,600,000	$\frac{3,125}{10,112}$	8,089,599,999	$\frac{6,987}{10,112}$	100,000	$\frac{200,000}{26,176,651,263}$	I	$\frac{6,181,748,737}{26,176,651,263}$	99,999	$\frac{5,235,290,253}{5,235,330,253}$	I	$\frac{1,236,349,747}{5,235,330,253}$
321,536	8,038,400,000	$\frac{3,125}{10,048}$	8,038,399,999	$\frac{6,923}{10,048}$	100,000	$\frac{200,000}{25,846,349,823}$	I	$\frac{6,307,250,177}{25,846,349,823}$	99,999	$\frac{1,033,845,993}{1,033,853,993}$	I	$\frac{252,290,007}{1,033,853,993}$
319,488	7,987,200,000	$\frac{3,125}{9,984}$	7,987,199,999	$\frac{6,859}{9,984}$	100,000	$\frac{40,000}{5,103,629,107}$	I	$\frac{1,286,130,893}{5,103,629,107}$	99,999	$\frac{25,517,945,537}{25,518,145,537}$	I	$\frac{6,430,654,463}{25,518,145,537}$
317,440	7,936,000,000	$\frac{625}{1,984}$	7,935,999,999	$\frac{1,359}{1,984}$	100,000	$\frac{200,000}{25,192,038,399}$	I	$\frac{6,591,961,601}{25,192,038,399}$	99,999	$\frac{25,191,838,401}{25,192,038,401}$	I	$\frac{6,591,961,599}{25,192,038,401}$
315,392	7,884,800,000	$\frac{3,125}{9,856}$	7,884,799,999	$\frac{6,731}{9,856}$	100,000	$\frac{40,000}{4,973,605,683}$	I	$\frac{1,334,234,317}{4,973,605,683}$	99,999	$\frac{24,867,828,417}{24,868,028,417}$	I	$\frac{6,671,171,583}{24,868,028,417}$
313,344	7,833,600,000	$\frac{3,125}{9,792}$	7,833,599,999	$\frac{6,667}{9,792}$	100,000	$\frac{200,000}{24,546,115,583}$	I	$\frac{6,788,284,417}{24,546,115,583}$	99,999	$\frac{4,909,183,117}{4,909,223,117}$	I	$\frac{2,357,656,883}{4,909,223,117}$
311,296	7,782,400,000	$\frac{3,125}{9,728}$	7,782,399,999	$\frac{6,603}{9,728}$	100,000	$\frac{200,000}{24,226,299,903}$	I	$\frac{6,903,300,097}{24,226,299,903}$	99,999	$\frac{4,845,219,981}{4,845,259,981}$	I	$\frac{1,380,660,019}{4,845,259,981}$
309,248	7,731,200,000	$\frac{3,125}{9,664}$	7,731,199,999	$\frac{6,539}{9,664}$	100,000	$\frac{1,600}{191,268,651}$	I	$\frac{56,129,759}{191,268,651}$	99,999	$\frac{23,908,381,377}{23,908,581,377}$	I	$\frac{7,016,218,623}{23,908,581,377}$
307,200	7,680,000,000	$\frac{125}{384}$	7,679,999,999	$\frac{259}{384}$	100,000	$\frac{200,000}{23,592,959,999}$	I	$\frac{7,127,040,001}{23,592,959,999}$	99,999	$\frac{23,592,760,001}{23,592,960,001}$	I	$\frac{7,127,039,999}{23,592,960,001}$
305,152	7,628,800,000	$\frac{3,125}{9,536}$	7,628,799,999	$\frac{6,411}{9,536}$	100,000	$\frac{8,000}{931,177,431}$	I	$\frac{289,430,569}{931,177,431}$	99,999	$\frac{23,279,235,777}{23,279,435,777}$	I	$\frac{7,235,764,223}{23,279,435,777}$
303,104	7,577,600,000	$\frac{3,125}{9,472}$	7,577,599,999	$\frac{6,347}{9,472}$	100,000	$\frac{200,000}{22,968,008,703}$	I	$\frac{7,342,391,297}{22,968,008,703}$	99,999	$\frac{4,593,561,741}{4,593,601,741}$	I	$\frac{1,468,478,259}{4,593,601,741}$
301,056	7,526,400,000	$\frac{3,125}{9,408}$	7,526,399,999	$\frac{6,283}{9,408}$	100,000	$\frac{200,000}{22,658,678,783}$	I	$\frac{7,446,921,217}{22,658,678,783}$	99,999	$\frac{4,531,695,757}{4,531,735,757}$	I	$\frac{1,489,384,243}{4,531,735,757}$
299,008	7,475,200,000	$\frac{3,125}{9,344}$	7,475,199,999	$\frac{6,219}{9,344}$	100,000	$\frac{200,000}{4,470,289,203}$	I	$\frac{1,509,870,797}{4,470,289,203}$	99,999	$\frac{22,351,246,017}{22,351,446,017}$	I	$\frac{7,549,353,983}{22,351,446,017}$
296,960	7,424,000,000	$\frac{625}{1,856}$	7,423,999,999	$\frac{1,231}{1,856}$	100,000	$\frac{200,000}{22,046,310,399}$	I	$\frac{7,649,689,601}{22,046,310,399}$	99,999	$\frac{22,046,110,401}{22,046,310,401}$	I	$\frac{7,649,689,599}{22,046,310,401}$
294,912	7,372,800,000	$\frac{3,125}{9,216}$	7,372,799,999	$\frac{6,091}{9,216}$	100,000	$\frac{40,000}{4,348,654,387}$	I	$\frac{1,549,585,613}{4,348,654,387}$	99,999	$\frac{21,743,071,937}{21,743,271,937}$	I	$\frac{7,747,928,063}{21,743,271,937}$
292,864	7,321,600,000	$\frac{3,125}{9,152}$	7,321,599,999	$\frac{6,027}{9,152}$	100,000	$\frac{200,000}{21,442,330,623}$	I	$\frac{7,844,069,377}{21,442,330,623}$	99,999	$\frac{34,307,409}{34,307,729}$	I	$\frac{12,550,511}{34,307,729}$
290,816	7,270,400,000	$\frac{3,125}{9,088}$	7,270,399,999	$\frac{5,963}{9,088}$	100,000	$\frac{200,000}{21,143,486,463}$	I	$\frac{7,938,113,537}{21,143,486,463}$	99,999	$\frac{4,228,657,293}{4,228,697,293}$	I	$\frac{1,587,622,707}{4,228,697,293}$
288,768	7,219,200,000	$\frac{3,125}{9,024}$	7,219,199,999	$\frac{5,899}{9,024}$	100,000	$\frac{40,000}{4,169,347,891}$	I	$\frac{1,606,812,109}{4,169,347,891}$	99,999	$\frac{20,846,539,457}{20,846,739,457}$	I	$\frac{8,030,060,543}{20,846,739,457}$
286,720	7,168,000,000	$\frac{625}{1,792}$	7,167,999,999	$\frac{1,167}{1,792}$	100,000	$\frac{200,000}{20,552,089,599}$	I	$\frac{8,119,910,401}{20,552,089,599}$	99,999	$\frac{20,551,889,601}{20,552,089,601}$	I	$\frac{8,119,910,399}{20,552,089,601}$
284,672	7,116,800,000	$\frac{5,771}{8,996}$	7,116,799,999	$\frac{3,125}{8,996}$	100,000	$\frac{40,000}{4,051,907,379}$	I	$\frac{1,641,532,621}{4,051,907,379}$	99,999	$\frac{20,259,336,897}{20,259,536,897}$	I	$\frac{8,207,663,103}{20,259,536,897}$
282,624	7,065,600,000	$\frac{3,125}{8,932}$	7,065,599,999	$\frac{5,707}{8,932}$	100,000	$\frac{200,000}{19,969,081,343}$	I	$\frac{8,293,318,657}{19,969,081,343}$	99,999	$\frac{3,993,776,269}{3,993,816,269}$	I	$\frac{1,658,663,731}{3,993,816,269}$
280,576	7,014,400,000	$\frac{3,125}{8,868}$	7,014,399,999	$\frac{5,643}{8,868}$	100,000	$\frac{200,000}{19,680,722,943}$	I	$\frac{8,376,877,057}{19,680,722,943}$	99,999	$\frac{3,936,104,589}{3,936,144,589}$	I	$\frac{2,675,375,411}{3,936,144,589}$
278,528	6,963,200,000	$\frac{3,125}{8,804}$	6,963,199,999	$\frac{5,579}{8,804}$	100,000	$\frac{200,000}{3,838,892,339}$	I	$\frac{1,691,667,661}{3,838,892,339}$	99,999	$\frac{19,394,261,697}{19,394,461,697}$	I	$\frac{8,458,338,303}{19,394,461,697}$
276,480	6,912,000,000	$\frac{625}{1,728}$	6,911,999,999	$\frac{1,103}{1,728}$	100,000	$\frac{200,000}{19,110,297,599}$	I	$\frac{8,535,702,401}{19,110,297,599}$	99,999	$\frac{19,110,097,601}{19,110,297,601}$	I	$\frac{8,535,702,399}{19,110,297,601}$
Numeri primi Bases.	Hypotenusa		Perpendicularum		Hypotenusa		Basis		Perpendicularum		Basis	
	100,000		100,000		100,000		100,000		100,000		100,000	
	Basis		Basis		Perpendicularum		Perpendicularum		Hypotenusa		Hypotenusa	



# LATERVM RATIONALIVM.

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SERIES I.				SERIES II.				SERIES III.			
8,614,969,343	99,999	18,828,036,657	I	1,722,993,869	100,000	40,000	I	6,860,799,999	5,451	6,860,800,000	3,125
18,828,230,657		18,828,230,657		3,765,646,131		3,765,646,131		8,576		8,576	274,432
1,738,027,827	99,999	3,709,612,173	I	8,690,139,137	100,000	200,000	I	6,809,599,999	1,387	6,809,600,000	3,125
3,709,652,173		3,709,652,173		18,548,260,863		18,548,260,863		8,512		8,512	272,384
350,528,471	99,999	730,807,529	I	8,763,211,777	100,000	200,000	I	6,758,399,999	5,323	6,758,400,000	3,125
730,815,529		730,815,529		18,270,388,223		18,270,388,223		8,448		8,448	270,336
8,834,187,263	99,999	17,994,412,737	I	1,766,837,453	100,000	40,000	I	6,707,199,999	5,259	6,707,200,000	3,125
17,994,612,737		17,994,612,737		3,598,922,547		3,598,922,547		8,384		8,384	268,288
8,903,065,599	99,999	17,720,934,401	I	8,903,065,601	100,000	200,000	I	6,655,999,999	1,039	6,656,000,000	625
17,720,934,401		17,720,934,401		17,720,934,399		17,720,934,399		1,664		1,664	266,240
8,969,846,783	99,999	17,449,153,217	I	1,793,969,357	100,000	40,000	I	6,604,799,999	5,131	6,604,800,000	3,125
17,449,353,217		17,449,353,217		3,489,870,643		3,489,870,643		8,256		8,256	264,192
1,806,906,163	99,999	3,435,933,837	I	9,034,530,817	100,000	200,000	I	6,553,599,999	5,067	6,553,600,000	3,125
3,435,973,837		3,435,973,837		17,179,869,183		17,179,869,183		8,192		8,192	262,144
1,819,423,539	99,999	3,382,496,461	I	9,097,117,697	100,000	200,000	I	6,502,399,999	5,003	6,502,400,000	3,125
3,382,496,461		3,382,496,461		16,912,482,303		16,912,482,303		8,128		8,128	260,096
9,157,607,423	99,999	16,646,992,577	I	366,304,297	100,000	8,000	I	6,451,199,999	4,939	6,451,200,000	3,125
16,647,192,577		16,647,192,577		665,887,703		665,887,703		8,064		8,064	258,048
9,215,999,999	99,999	16,383,800,001	I	9,216,000,001	100,000	200,000	I	6,399,999,999	39	6,400,000,000	25
16,384,000,001		16,384,000,001		16,383,999,999		16,383,999,999		64		64	256,000
9,272,295,423	99,999	16,122,704,577	I	370,891,817	100,000	8,000	I	6,348,799,999	4,811	6,348,800,000	3,125
16,122,904,577		16,122,904,577		644,916,183		644,916,183		7,936		7,936	253,952
1,865,298,739	99,999	3,172,741,261	I	9,326,493,697	100,000	200,000	I	6,297,599,999	4,747	6,297,600,000	3,125
3,172,781,261		3,172,781,261		15,863,906,303		15,863,906,303		7,872		7,872	251,904
1,875,718,963	99,999	3,121,361,037	I	9,378,594,817	100,000	200,000	I	6,246,399,999	4,683	6,246,400,000	3,125
3,121,401,037		3,121,401,037		15,607,005,183		15,607,005,183		7,808		7,808	249,856
9,428,598,783	99,999	15,352,001,217	I	1,885,719,757	100,000	40,000	I	6,195,199,999	4,619	6,195,200,000	3,125
15,352,201,217		15,352,201,217		3,070,440,243		3,070,440,243		7,744		7,744	247,808
9,476,505,599	99,999	15,099,294,401	I	9,476,505,601	100,000	200,000	I	6,143,999,999	911	6,144,000,000	625
15,099,494,401		15,099,494,401		15,099,494,399		15,099,494,399		1,536		1,536	245,760
9,522,315,263	99,999	14,848,684,737	I	1,904,463,053	100,000	40,000	I	6,092,799,999	4,491	6,092,800,000	3,125
14,848,884,737		14,848,884,737		2,969,776,947		2,969,776,947		7,616		7,616	243,712
382,641,111	99,999	584,006,889	I	9,566,027,777	100,000	200,000	I	6,041,599,999	4,427	6,041,600,000	3,125
584,014,889		584,014,889		14,600,372,223		14,600,372,223		7,552		7,552	241,664
1,921,528,627	99,999	2,870,751,373	I	9,607,643,137	100,000	200,000	I	5,990,399,999	4,363	5,990,400,000	3,125
2,870,791,373		2,870,791,373		14,353,956,863		14,353,956,863		7,488		7,488	239,616
9,647,161,343	99,999	14,109,438,657	I	1,929,432,269	100,000	40,000	I	5,939,199,999	4,299	5,939,200,000	3,125
14,109,638,657		14,109,638,657		2,821,927,731		2,821,927,731		7,424		7,424	237,568
9,684,582,399	99,999	13,867,217,601	I	9,684,582,401	100,000	200,000	I	5,887,999,999	847	5,888,000,000	625
13,867,417,601		13,867,417,601		13,867,417,599		13,867,417,599		1,472		1,472	235,520
9,719,906,303	99,999	13,627,093,697	I	1,943,981,261	100,000	40,000	I	5,836,799,999	4,171	5,836,800,000	3,125
13,627,293,697		13,627,293,697		2,725,458,739		2,725,458,739		7,296		7,296	233,472
1,950,626,611	99,999	2,677,813,389	I	9,753,133,057	100,000	200,000	I	5,785,599,999	4,107	5,785,600,000	3,125
2,677,853,389		2,677,853,389		13,389,266,943		13,389,266,943		7,232		7,232	231,424
1,956,852,531	99,999	2,630,627,469	I	9,784,262,657	100,000	200,000	I	5,734,399,999	4,043	5,734,400,000	3,125
2,630,667,469		2,630,667,469		13,153,337,343		13,153,337,343		7,168		7,168	229,376
9,813,295,103	99,999	12,919,304,897	I	1,962,659,021	100,000	40,000	I	5,683,199,999	3,979	5,683,200,000	3,125
12,919,504,897		12,919,504,897		2,583,900,979		2,583,900,979		7,104		7,104	227,328
9,840,230,399	99,999	12,687,769,601	I	9,840,230,401	100,000	200,000	I	5,631,999,999	783	5,632,000,000	625
12,687,769,601		12,687,769,601		12,687,769,599		12,687,769,599		1,408		1,408	225,280
9,865,068,543	99,999	12,457,931,457	I	1,973,013,709	100,000	40,000	I	5,580,799,999	3,851	5,580,800,000	3,125
12,458,131,457		12,458,131,457		2,491,626,291		2,491,626,291		6,976		6,976	223,232
1,977,561,907	99,999	2,446,078,093	I	9,887,809,537	100,000	200,000	I	5,529,599,999	3,787	5,529,600,000	3,125
2,446,118,093		2,446,118,093		12,230,590,463		12,230,590,463		6,912		6,912	221,184
79,267,627	99,999	96,039,573	I	9,908,453,377	100,000	200,000	I	5,478,399,999	3,723	5,478,400,000	3,125
96,041,173		96,041,173		12,005,146,623		12,005,146,623		6,848		6,848	219,136
9,927,000,063	99,999	11,781,599,937	I	1,985,400,013	100,000	40,000	I	5,427,199,999	3,659	5,427,200,000	3,125
11,781,799,937		11,781,799,937		2,356,359,987		2,356,359,987		6,784		6,784	217,088
9,943,449,599	99,999	11,560,350,401	I	9,943,449,601	100,000	200,000	I	5,375,999,999	719	5,376,000,000	625
11,560,550,401		11,560,550,401		11,560,550,399		11,560,550,399		1,344		1,344	215,040
9,957,801,983	99,999	11,341,198,017	I	1,991,560,397	100,000	40,000	I	5,324,799,999	3,531	5,324,800,000	3,125
11,341,398,017		11,341,398,017		2,264,279,603		2,264,279,603		6,656		6,656	212,992
1,994,011,143	99,999	2,224,828,557	I	9,970,054,217	100,000	200,000	I	5,273,599,999	3,467	5,273,600,000	3,125
2,224,868,557		2,224,868,557		11,124,342,783		11,124,342,783		6,592		6,592	210,944
1,996,043,059	99,999	2,181,836,941	I	9,980,215,297	100,000	200,000	I	5,222,399,999	3,403	5,222,400,000	3,125
2,181,876,941		2,181,876,941		10,909,384,703		10,909,384,703		6,528		6,528	208,896
9,988,276,223	99,999	10,696,323,777	I	3,995,310,49	100,000	8,000	I	5,171,199,999	3,339	5,171,200,000	3,125
10,696,523,777		10,696,523,777		427,860,951		427,860,951		6,464		6,464	206,848
Basis	Perpendicularum			Basis	Hypotenusa			Perpendicularum	Hypotenusa		Numeri primi Bases.
100,000				100,000				100,000			
Hypotenusa				Perpendicularum				Basis			



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
204,800	5,120,000,000	$\frac{125}{256}$	5,119,999,999	$\frac{131}{256}$	100,000	$\frac{200,000}{10,485,759,999}$	I	$\frac{9,994,240,001}{10,485,759,999}$	99,999	$\frac{10,485,560,001}{10,485,760,001}$	I	$\frac{9,994,239,999}{10,485,760,001}$
203,776	5,094,400,000	$\frac{3,125}{6,368}$	5,094,399,999	$\frac{3,243}{6,368}$	100,000	$\frac{200,000}{10,381,164,543}$	I	$\frac{9,996,435,457}{10,381,164,543}$	99,999	$\frac{2,076,192,909}{2,076,232,909}$	I	$\frac{1,999,287,091}{2,076,232,909}$
202,752	5,068,800,000	$\frac{3,125}{6,336}$	5,068,799,999	$\frac{3,211}{6,336}$	100,000	$\frac{1,600}{82,216,747}$	I	$\frac{79,984,853}{82,216,747}$	99,999	$\frac{10,276,893,377}{10,277,093,377}$	I	$\frac{9,998,106,623}{10,277,093,377}$
201,728	5,043,200,000	$\frac{3,125}{6,304}$	5,043,199,999	$\frac{3,179}{6,304}$	100,000	$\frac{40,000}{2,034,709,299}$	I	$\frac{1,999,850,701}{2,034,709,299}$	99,999	$\frac{10,173,346,497}{10,173,546,497}$	I	$\frac{9,999,253,503}{10,173,546,497}$
200,704	5,017,600,000	$\frac{3,125}{6,272}$	5,017,599,999	$\frac{3,147}{6,272}$	100,000	$\frac{200,000}{10,070,523,903}$	I	$\frac{9,999,876,097}{10,070,523,903}$	99,999	$\frac{2,014,064,781}{2,014,104,781}$	I	$\frac{1,999,975,219}{2,014,104,781}$
199,680	4,992,000,000	$\frac{625}{1,248}$	4,991,999,999	$\frac{623}{1,248}$	100,000	$\frac{200,000}{9,968,025,599}$	2	$\frac{31,948,802}{9,968,025,599}$	99,999	$\frac{9,967,825,601}{9,968,025,601}$	2	$\frac{31,948,798}{9,968,025,601}$
198,656	4,966,400,000	$\frac{3,125}{6,208}$	4,966,399,999	$\frac{3,083}{6,208}$	100,000	$\frac{200,000}{9,866,051,583}$	2	$\frac{133,496,834}{9,866,051,583}$	99,999	$\frac{1,973,170,317}{1,973,210,317}$	2	$\frac{26,699,366}{1,973,210,317}$
197,632	4,940,800,000	$\frac{3,125}{6,176}$	4,940,799,999	$\frac{3,051}{6,176}$	100,000	$\frac{40,000}{1,952,920,371}$	2	$\frac{46,799,258}{1,952,920,371}$	99,999	$\frac{9,764,401,857}{9,764,601,857}$	2	$\frac{233,996,286}{9,764,601,857}$
196,608	4,915,200,000	$\frac{3,125}{6,144}$	4,915,199,999	$\frac{3,019}{6,144}$	100,000	$\frac{40,000}{1,932,735,283}$	2	$\frac{66,689,434}{1,932,735,283}$	99,999	$\frac{9,663,476,417}{9,663,676,417}$	2	$\frac{333,447,166}{9,663,676,417}$
195,584	4,889,600,000	$\frac{3,125}{6,112}$	4,889,599,999	$\frac{2,987}{6,112}$	100,000	$\frac{200,000}{9,563,275,263}$	2	$\frac{431,849,474}{9,563,275,263}$	99,999	$\frac{1,912,615,053}{1,912,655,053}$	2	$\frac{86,369,894}{1,912,655,053}$
194,560	4,864,000,000	$\frac{625}{1,216}$	4,863,999,999	$\frac{591}{1,216}$	100,000	$\frac{200,000}{9,463,398,399}$	2	$\frac{529,203,202}{9,463,398,399}$	99,999	$\frac{9,463,198,401}{9,463,398,401}$	2	$\frac{529,203,198}{9,463,398,401}$
193,536	4,838,400,000	$\frac{3,125}{6,048}$	4,838,399,999	$\frac{2,923}{6,048}$	100,000	$\frac{200,000}{9,364,045,823}$	2	$\frac{625,508,354}{9,364,045,823}$	99,999	$\frac{374,553,833}{374,561,833}$	2	$\frac{25,020,334}{374,561,833}$
192,512	4,812,800,000	$\frac{3,125}{6,016}$	4,812,799,999	$\frac{2,891}{6,016}$	100,000	$\frac{40,000}{1,853,043,507}$	2	$\frac{144,152,986}{1,853,043,507}$	99,999	$\frac{9,265,017,537}{9,265,217,537}$	2	$\frac{720,764,926}{9,265,217,537}$
191,488	4,787,200,000	$\frac{3,125}{5,984}$	4,787,199,999	$\frac{2,859}{5,984}$	100,000	$\frac{40,000}{1,833,382,707}$	2	$\frac{162,994,256}{1,833,382,707}$	99,999	$\frac{9,166,713,537}{9,166,913,537}$	2	$\frac{814,972,926}{9,166,913,537}$
190,464	4,761,600,000	$\frac{3,125}{5,952}$	4,761,599,999	$\frac{2,827}{5,952}$	100,000	$\frac{200,000}{9,069,133,823}$	2	$\frac{908,132,354}{9,069,133,823}$	99,999	$\frac{362,757,353}{362,765,353}$	2	$\frac{363,252,944}{362,765,353}$
189,440	4,736,000,000	$\frac{625}{1,184}$	4,735,999,999	$\frac{559}{1,184}$	100,000	$\frac{200,000}{8,971,878,399}$	2	$\frac{1,000,243,202}{8,971,878,399}$	99,999	$\frac{8,971,678,401}{8,971,878,401}$	2	$\frac{1,000,243,198}{8,971,878,401}$
188,416	4,710,400,000	$\frac{3,125}{5,888}$	4,710,399,999	$\frac{2,763}{5,888}$	100,000	$\frac{200,000}{8,875,147,263}$	2	$\frac{1,091,305,474}{8,875,147,263}$	99,999	$\frac{1,774,989,453}{1,775,029,453}$	2	$\frac{218,261,094}{1,775,029,453}$
187,392	4,684,800,000	$\frac{3,125}{5,856}$	4,684,799,999	$\frac{2,731}{5,856}$	100,000	$\frac{40,000}{1,755,788,083}$	2	$\frac{236,263,834}{1,755,788,083}$	99,999	$\frac{8,778,740,417}{8,778,940,417}$	2	$\frac{1,181,319,166}{8,778,940,417}$
186,368	4,659,200,000	$\frac{3,125}{5,824}$	4,659,199,999	$\frac{2,699}{5,824}$	100,000	$\frac{200,000}{1,736,651,571}$	2	$\frac{254,056,858}{1,736,651,571}$	99,999	$\frac{8,683,057,857}{8,683,257,857}$	2	$\frac{1,270,284,286}{8,683,257,857}$
185,344	4,633,600,000	$\frac{3,125}{5,792}$	4,633,599,999	$\frac{2,667}{5,792}$	100,000	$\frac{200,000}{8,588,099,583}$	2	$\frac{1,358,200,834}{8,588,099,583}$	99,999	$\frac{1,717,579,917}{1,717,619,917}$	2	$\frac{271,640,166}{1,717,619,917}$
184,320	4,608,000,000	$\frac{625}{1,152}$	4,607,999,999	$\frac{527}{1,152}$	100,000	$\frac{200,000}{8,493,465,599}$	2	$\frac{1,445,068,302}{8,493,465,599}$	99,999	$\frac{8,493,265,601}{8,493,465,601}$	2	$\frac{1,445,068,798}{8,493,465,601}$
183,296	4,582,400,000	$\frac{3,125}{5,728}$	4,582,399,999	$\frac{2,603}{5,728}$	100,000	$\frac{200,000}{8,399,355,903}$	2	$\frac{1,530,888,194}{8,399,355,903}$	99,999	$\frac{1,679,831,181}{1,679,871,181}$	2	$\frac{806,177,638}{1,679,871,181}$
182,272	4,556,800,000	$\frac{3,125}{5,696}$	4,556,799,999	$\frac{2,571}{5,696}$	100,000	$\frac{40,000}{1,661,154,099}$	2	$\frac{323,171,802}{1,661,154,099}$	99,999	$\frac{8,305,570,497}{8,305,770,497}$	2	$\frac{1,615,859,006}{8,305,770,497}$
181,248	4,531,200,000	$\frac{3,125}{5,664}$	4,531,199,999	$\frac{2,539}{5,664}$	100,000	$\frac{64}{2,628,067}$	2	$\frac{543,802}{2,628,067}$	99,999	$\frac{8,212,509,377}{8,212,709,377}$	2	$\frac{1,699,381,246}{8,212,709,377}$
180,224	4,505,600,000	$\frac{3,125}{5,632}$	4,505,599,999	$\frac{2,507}{5,632}$	100,000	$\frac{200,000}{8,120,172,543}$	2	$\frac{1,782,054,914}{8,120,172,543}$	99,999	$\frac{1,623,994,509}{1,624,034,509}$	2	$\frac{356,410,982}{1,624,034,509}$
179,200	4,480,000,000	$\frac{125}{224}$	4,479,999,999	$\frac{99}{224}$	100,000	$\frac{200,000}{8,028,359,999}$	2	$\frac{1,863,680,002}{8,028,359,999}$	99,999	$\frac{8,028,160,001}{8,028,360,001}$	2	$\frac{1,863,679,998}{8,028,360,001}$
178,176	4,454,400,000	$\frac{3,125}{5,568}$	4,454,399,999	$\frac{2,473}{5,568}$	100,000	$\frac{200,000}{7,936,671,743}$	2	$\frac{1,944,256,514}{7,936,671,743}$	99,999	$\frac{1,587,294,349}{1,587,334,349}$	2	$\frac{388,851,302}{1,587,334,349}$
177,152	4,428,800,000	$\frac{3,125}{5,536}$	4,428,799,999	$\frac{2,441}{5,536}$	100,000	$\frac{8,000}{313,828,311}$	2	$\frac{80,951,378}{313,828,311}$	99,999	$\frac{7,845,507,777}{7,845,707,777}$	2	$\frac{2,023,784,446}{7,845,707,777}$
176,128	4,403,200,000	$\frac{3,125}{5,504}$	4,403,199,999	$\frac{2,409}{5,504}$	100,000	$\frac{40,000}{1,551,053,619}$	2	$\frac{420,452,762}{1,551,053,619}$	99,999	$\frac{7,755,068,097}{7,755,268,097}$	2	$\frac{2,102,263,806}{7,755,268,097}$
175,104	4,377,600,000	$\frac{3,125}{5,472}$	4,377,599,999	$\frac{2,377}{5,472}$	100,000	$\frac{200,000}{7,665,352,703}$	2	$\frac{2,179,694,594}{7,665,352,703}$	99,999	$\frac{1,533,030,541}{1,533,070,541}$	2	$\frac{435,938,918}{1,533,070,541}$
174,080	4,352,000,000	$\frac{625}{1,088}$	4,351,999,999	$\frac{463}{1,088}$	100,000	$\frac{200,000}{7,575,961,599}$	2	$\frac{2,256,076,802}{7,575,961,599}$	99,999	$\frac{7,575,761,601}{7,575,961,601}$	2	$\frac{2,256,076,798}{7,575,961,601}$
173,056	4,326,400,000	$\frac{3,125}{5,408}$	4,326,399,999	$\frac{2,283}{5,408}$	100,000	$\frac{200,000}{7,487,094,783}$	2	$\frac{2,331,410,434}{7,487,094,783}$	99,999	$\frac{1,497,378,957}{1,497,418,957}$	2	$\frac{466,282,086}{1,497,418,957}$
Numeri primi Bases.	Hypotenusa	Perpendicularum	100,000 Basis	Hypotenusa	Basis	Perpendicularum	100,000 Hypotenusa	Perpendicularum	Basis	100,000 Hypotenusa	Basis	



# LATERVM RATIONALIVM.

11

SERIES I.				SERIES II.				SERIES III.			
2	2,405,695,486	99,999	7,398,552,257	2	481,139,098	100,000	40,000	4,300,799,999	2,251	3,125	172,032
	7,398,752,257		7,398,752,257		1,479,750,451		1,479,750,451		5,376	5,376	
2	2,478,931,966	99,999	7,310,734,017	2	495,786,394	100,000	40,000	4,275,199,999	2,219	3,125	171,008
	7,310,934,017		7,310,934,017		1,462,186,803		1,462,186,803		5,344	5,344	
2	510,213,974	99,999	1,444,688,013	2	2,551,119,874	100,000	200,000	4,249,599,999	2,187	3,125	169,984
	1,444,718,013		1,444,718,013		7,223,640,063		7,223,640,063		5,312	5,312	
2	2,612,259,198	99,999	7,136,670,401	2	2,692,349,954	100,000	200,000	4,223,999,999	431	625	168,960
	7,136,870,401		7,136,870,401		7,462,186,803		7,462,186,803		1,056	1,056	
2	538,469,990	99,999	1,410,085,005	2	2,692,349,953	100,000	200,000	4,198,399,999	2,123	3,125	167,936
	1,410,125,005		1,410,125,005		7,050,625,023		7,050,625,023		5,248	5,248	
2	2,761,392,126	99,999	6,964,703,937	2	552,278,426	100,000	40,000	4,172,799,999	2,091	3,125	166,912
	6,964,903,937		6,964,903,937		1,392,980,787		1,392,980,787		5,216	5,216	
2	2,819,386,726	99,999	6,879,507,137	2	565,877,146	100,000	40,000	4,147,199,999	2,059	3,125	165,888
	6,879,707,137		6,879,707,137		1,375,941,427		1,375,941,427		5,184	5,184	
2	23,170,646	99,999	54,358,677	2	2,896,330,754	100,000	200,000	4,121,599,999	2,027	3,125	164,864
	54,360,277		54,360,277		6,795,034,623		6,795,034,623		5,152	5,152	
2	2,962,227,198	99,999	6,710,686,401	2	2,962,227,201	100,000	200,000	4,095,999,999	399	1625	163,840
	6,710,886,401		6,710,886,401		6,710,886,399		6,710,886,399		1,024	1,024	
2	605,415,014	99,999	1,325,412,493	2	3,027,075,074	100,000	200,000	4,070,399,999	1,963	3,125	163,816
	1,325,452,493		1,325,452,493		6,627,262,463		6,627,262,463		5,088	5,088	
2	3,090,874,366	99,999	6,543,962,817	2	618,174,874	100,000	40,000	4,044,799,999	1,931	3,125	161,792
	6,544,162,817		6,544,162,817		1,308,832,563		1,308,832,563		5,056	5,056	
2	3,153,625,086	99,999	6,461,387,457	2	630,725,018	100,000	40,000	4,019,199,999	1,899	3,125	160,768
	6,461,587,457		6,461,587,457		1,292,317,491		1,292,317,491		5,024	5,024	
2	643,065,446	99,999	1,275,707,277	2	3,215,327,234	100,000	200,000	3,993,599,999	1,867	3,125	159,744
	1,275,907,277		1,275,907,277		6,379,536,383		6,379,536,383		4,992	4,992	
2	3,295,980,798	99,999	6,297,809,601	2	3,295,980,802	100,000	200,000	3,967,999,999	367	625	158,720
	6,298,009,601		6,298,009,601		6,298,009,599		6,298,009,599		992	992	
2	667,117,158	99,999	1,243,361,421	2	3,335,585,794	100,000	200,000	3,942,399,999	1,803	3,125	157,696
	1,243,401,421		1,243,401,421		6,217,007,103		6,217,007,103		4,928	4,928	
2	3,394,142,208	99,999	6,136,328,897	2	678,818,442	100,000	40,000	3,916,799,999	1,771	3,125	156,672
	6,136,528,897		6,136,528,897		1,227,305,779		1,227,305,779		4,896	4,896	
2	3,451,650,046	99,999	6,056,374,977	2	1,38,066,002	100,000	8,000	3,891,199,999	1,739	3,125	155,648
	6,056,574,977		6,056,574,977		242,262,999		242,262,999		4,864	4,864	
2	701,621,862	99,999	1,195,389,069	2	3,508,109,314	100,000	200,000	3,865,599,999	1,707	3,125	154,624
	1,195,429,069		1,195,429,069		5,977,145,343		5,977,145,343		4,832	4,832	
2	3,563,519,998	99,999	5,898,040,001	2	3,563,510,002	100,000	200,000	3,839,999,999	67	125	153,600
	5,898,240,001		5,898,240,001		5,898,239,999		5,898,239,999		192	192	
2	723,576,422	99,999	1,163,931,789	2	3,617,882,114	100,000	200,000	3,814,399,999	1,643	3,125	152,576
	1,163,971,789		1,163,971,789		5,819,858,943		5,819,858,943		4,768	4,768	
2	3,671,195,646	99,999	5,741,802,177	2	146,847,826	100,000	8,000	3,788,799,999	1,611	3,125	151,552
	5,742,002,177		5,742,002,177		229,680,087		229,680,087		4,736	4,736	
2	3,723,460,606	99,999	5,664,469,697	2	744,692,122	100,000	40,000	3,763,199,999	1,579	3,125	150,528
	5,664,669,697		5,664,669,697		1,132,933,939		1,132,933,939		4,704	4,704	
2	754,935,398	99,999	1,117,532,301	2	3,774,676,994	100,000	200,000	3,737,599,999	1,547	3,125	149,504
	1,117,572,301		1,117,572,301		5,587,861,503		5,587,861,503		4,672	4,672	
2	3,824,844,798	99,999	5,511,377,601	2	3,824,844,802	100,000	200,000	3,711,999,999	303	625	148,480
	5,511,577,601		5,511,577,601		5,511,577,599		5,511,577,599		928	928	
2	774,792,806	99,999	1,087,123,597	2	3,873,964,034	100,000	200,000	3,686,399,999	1,483	3,125	147,456
	1,087,163,597		1,087,163,597		5,435,817,983		5,435,817,983		4,608	4,608	
2	3,922,034,686	99,999	5,360,382,657	2	784,406,938	100,000	40,000	3,660,799,999	1,451	3,125	146,432
	5,360,582,657		5,360,582,657		1,072,116,531		1,072,116,531		4,576	4,576	
2	3,969,056,766	99,999	5,285,671,617	2	793,811,354	100,000	40,000	3,635,199,999	1,419	3,125	145,408
	5,285,871,617		5,285,871,617		1,057,174,323		1,057,174,323		4,544	4,544	
2	803,006,054	99,999	1,042,296,963	2	4,015,030,274	100,000	200,000	3,609,599,999	1,387	3,125	144,384
	1,042,336,963		1,042,336,963		5,211,684,863		5,211,684,863		4,512	4,512	
2	4,059,955,198	99,999	5,137,822,401	2	4,059,955,202	00,000	200,000	3,583,999,999	271	625	143,360
	5,138,022,401		5,138,022,401		5,138,022,399		5,138,022,399		896	896	
2	164,153,262	99,999	202,587,369	2	4,103,831,554	100,000	200,000	3,558,399,999	1,323	3,125	142,336
	202,595,369		202,595,369		5,064,884,223		5,064,884,223		4,448	4,448	
2	4,146,659,326	99,999	4,992,070,337	2	829,331,866	100,000	40,000	3,532,799,999	1,291	3,125	141,312
	4,992,270,337		4,992,270,337		998,454,067		998,454,067		4,416	4,416	
2	4,188,438,526	99,999	4,919,980,737	2	837,687,706	100,000	40,000	3,507,199,999	1,259	3,125	140,288
	4,920,180,737		4,920,180,737		984,036,147		984,036,147		4,384	4,384	
2	169,166,766	99,999	193,936,617	2	4,219,169,154	100,000	200,000	3,481,599,999	1,227	3,125	139,264
	193,944,617		193,944,617		4,848,615,423		4,848,615,423		4,352	4,352	
2	4,267,851,198	99,999	4,777,374,401	2	4,267,851,202	100,000	200,000	3,455,999,999	239	625	138,240
	4,777,574,401		4,777,574,401		4,777,574,399		4,777,574,399		864	864	
Basis				Basis				Basis			
100,000				100,000				100,000			
Hypotenusa				Perpendicularum				Hypotenusa			
								Numeri primi Bases.			



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
137,216	3,430,400,000	$\frac{3,125}{4,288}$	3,430,399,999	$\frac{1,163}{4,288}$	100,000	$\frac{200,000}{4,707,057,663}$	2	$\frac{4,307,484,674}{4,707,057,663}$	99,999	$\frac{941,371,533}{941,411,533}$	2	$\frac{861,496,934}{941,411,533}$
136,192	3,404,800,000	$\frac{3,125}{4,256}$	3,404,799,999	$\frac{1,131}{4,256}$	100,000	$\frac{40,000}{927,413,043}$	2	$\frac{869,013,914}{927,413,043}$	99,999	$\frac{4,636,865,217}{4,637,065,217}$	2	$\frac{4,345,069,566}{4,637,065,217}$
135,168	3,379,200,000	$\frac{3,125}{4,224}$	3,379,199,999	$\frac{1,099}{4,224}$	100,000	$\frac{40,000}{913,519,411}$	2	$\frac{876,321,178}{913,519,411}$	99,999	$\frac{4,567,397,057}{4,567,597,057}$	2	$\frac{4,381,605,886}{4,567,597,057}$
134,144	3,353,600,000	$\frac{3,125}{4,192}$	3,353,599,999	$\frac{1,067}{4,192}$	100,000	$\frac{200,000}{4,498,653,183}$	2	$\frac{4,417,093,634}{4,498,653,183}$	99,999	$\frac{899,690,637}{899,730,637}$	2	$\frac{883,418,726}{899,730,637}$
133,120	3,328,000,000	$\frac{625}{832}$	3,327,999,999	$\frac{207}{832}$	100,000	$\frac{200,000}{4,430,233,599}$	3	$\frac{21,299,197}{4,430,233,599}$	99,999	$\frac{4,430,033,601}{4,430,233,601}$	3	$\frac{21,299,197}{4,430,233,601}$
132,096	3,302,400,000	$\frac{3,125}{4,128}$	3,302,399,999	$\frac{1,003}{4,128}$	100,000	$\frac{200,000}{4,362,338,303}$	3	$\frac{122,585,091}{4,362,338,303}$	99,999	$\frac{872,427,661}{872,467,661}$	3	$\frac{24,517,017}{872,467,661}$
131,072	3,276,800,000	$\frac{3,125}{4,096}$	3,276,799,999	$\frac{971}{4,096}$	100,000	$\frac{40,000}{858,993,459}$	3	$\frac{44,459,623}{858,993,459}$	99,999	$\frac{4,294,767,297}{4,294,967,297}$	3	$\frac{222,298,109}{4,294,967,297}$
130,048	3,251,200,000	$\frac{3,125}{4,064}$	3,251,199,999	$\frac{939}{4,064}$	100,000	$\frac{8,000}{169,124,823}$	3	$\frac{12,817,531}{169,124,823}$	99,999	$\frac{4,227,920,577}{4,228,120,577}$	3	$\frac{320,438,269}{4,228,120,577}$
129,024	3,225,600,000	$\frac{3,125}{4,032}$	3,225,599,999	$\frac{907}{4,032}$	100,000	$\frac{200,000}{4,161,798,143}$	3	$\frac{417,005,571}{4,161,798,143}$	99,999	$\frac{832,159,629}{832,359,629}$	3	$\frac{83,401,113}{832,359,629}$
128,000	3,200,000,000	$\frac{25}{32}$	3,199,999,999	$\frac{7}{32}$	100,000	$\frac{200,000}{4,096,000,001}$	3	$\frac{512,000,003}{4,096,000,001}$	99,999	$\frac{4,095,800,001}{4,096,000,001}$	3	$\frac{511,999,997}{4,096,000,001}$
126,976	3,174,400,000	$\frac{3,125}{3,968}$	3,174,399,999	$\frac{843}{3,968}$	100,000	$\frac{200,000}{4,030,726,143}$	3	$\frac{605,421,571}{4,030,726,143}$	99,999	$\frac{806,105,229}{806,145,229}$	3	$\frac{121,084,313}{806,145,229}$
125,952	3,148,800,000	$\frac{3,125}{3,936}$	3,148,799,999	$\frac{811}{3,936}$	100,000	$\frac{8,000}{148,639,063}$	3	$\frac{27,880,810}{148,639,063}$	99,999	$\frac{3,965,776,577}{3,965,976,577}$	3	$\frac{697,270,269}{3,965,976,577}$
124,928	3,123,200,000	$\frac{3,125}{3,904}$	3,123,199,999	$\frac{779}{3,904}$	100,000	$\frac{40,000}{780,350,259}$	3	$\frac{157,509,223}{780,350,259}$	99,999	$\frac{3,901,551,297}{3,901,751,297}$	3	$\frac{787,546,109}{3,901,751,297}$
123,904	3,097,600,000	$\frac{3,125}{3,872}$	3,097,599,999	$\frac{747}{3,872}$	100,000	$\frac{200,000}{3,838,050,303}$	3	$\frac{876,249,091}{3,838,050,303}$	99,999	$\frac{767,570,061}{767,610,061}$	3	$\frac{155,249,817}{767,610,061}$
122,880	3,072,000,000	$\frac{625}{768}$	3,071,999,999	$\frac{143}{768}$	100,000	$\frac{200,000}{3,774,873,599}$	3	$\frac{963,379,203}{3,774,873,599}$	99,999	$\frac{3,774,673,601}{3,774,873,601}$	3	$\frac{963,379,197}{3,774,873,601}$
121,856	3,046,400,000	$\frac{3,125}{3,808}$	3,046,399,999	$\frac{683}{3,808}$	100,000	$\frac{200,000}{3,712,221,183}$	3	$\frac{1,048,936,451}{3,712,221,183}$	99,999	$\frac{742,404,237}{742,444,237}$	3	$\frac{209,787,289}{742,444,237}$
120,832	3,020,800,000	$\frac{3,125}{3,776}$	3,020,799,999	$\frac{651}{3,776}$	100,000	$\frac{40,000}{730,018,611}$	3	$\frac{226,584,167}{730,018,611}$	99,999	$\frac{3,649,693,057}{3,650,093,057}$	3	$\frac{1,132,920,829}{3,650,093,057}$
119,808	2,995,200,000	$\frac{3,125}{3,744}$	2,995,199,999	$\frac{619}{3,744}$	100,000	$\frac{40,000}{717,697,843}$	3	$\frac{243,066,471}{717,697,843}$	99,999	$\frac{3,588,289,217}{3,588,489,217}$	3	$\frac{1,215,332,349}{3,588,489,217}$
118,784	2,969,600,000	$\frac{3,125}{3,712}$	2,969,599,999	$\frac{587}{3,712}$	100,000	$\frac{200,000}{3,527,409,663}$	3	$\frac{1,296,171,011}{3,527,409,663}$	99,999	$\frac{705,441,933}{705,481,933}$	3	$\frac{359,234,201}{705,481,933}$
117,760	2,944,000,000	$\frac{625}{736}$	2,943,999,999	$\frac{111}{736}$	100,000	$\frac{200,000}{3,466,854,399}$	3	$\frac{1,375,436,803}{3,466,854,399}$	99,999	$\frac{3,466,654,401}{3,466,854,401}$	3	$\frac{137,543,797}{3,466,854,401}$
116,736	2,918,400,000	$\frac{3,125}{3,648}$	2,918,399,999	$\frac{523}{3,648}$	100,000	$\frac{200,000}{3,406,823,423}$	3	$\frac{1,453,129,731}{3,406,823,423}$	99,999	$\frac{1,362,649,937}{1,362,729,937}$	3	$\frac{58,125,189}{1,362,729,937}$
115,712	2,892,800,000	$\frac{3,125}{3,616}$	2,892,799,999	$\frac{491}{3,616}$	100,000	$\frac{40,000}{669,463,347}$	3	$\frac{305,849,959}{669,463,347}$	99,999	$\frac{3,347,116,737}{3,347,316,737}$	3	$\frac{1,529,249,789}{3,347,316,737}$
114,688	2,867,200,000	$\frac{3,125}{3,584}$	2,867,199,999	$\frac{459}{3,584}$	100,000	$\frac{40,000}{657,666,867}$	3	$\frac{320,759,399}{657,666,867}$	99,999	$\frac{3,288,134,337}{3,288,334,337}$	3	$\frac{1,603,796,989}{3,288,334,337}$
113,664	2,841,600,000	$\frac{3,125}{3,552}$	2,841,599,999	$\frac{427}{3,552}$	100,000	$\frac{200,000}{3,229,876,223}$	3	$\frac{1,676,771,331}{3,229,876,223}$	99,999	$\frac{129,187,049}{129,195,049}$	3	$\frac{67,070,853}{129,195,049}$
112,640	2,816,000,000	$\frac{625}{704}$	2,815,999,999	$\frac{79}{704}$	100,000	$\frac{200,000}{3,171,942,399}$	3	$\frac{1,748,172,803}{3,171,942,399}$	99,999	$\frac{3,171,742,401}{3,171,942,401}$	3	$\frac{1,748,172,797}{3,171,942,401}$
111,616	2,790,400,000	$\frac{3,125}{3,488}$	2,790,399,999	$\frac{363}{3,488}$	100,000	$\frac{200,000}{3,114,532,863}$	3	$\frac{1,818,001,411}{3,114,532,863}$	99,999	$\frac{622,866,573}{622,906,573}$	3	$\frac{363,600,291}{622,906,573}$
110,592	2,764,800,000	$\frac{3,125}{3,456}$	2,764,799,999	$\frac{331}{3,456}$	100,000	$\frac{40,000}{611,529,523}$	3	$\frac{377,251,431}{611,529,523}$	99,999	$\frac{3,057,447,617}{3,057,647,617}$	3	$\frac{1,886,257,149}{3,057,647,617}$
109,568	2,739,200,090	$\frac{3,125}{3,424}$	2,739,199,999	$\frac{299}{3,424}$	100,000	$\frac{40,000}{600,257,331}$	3	$\frac{390,588,009}{600,257,331}$	99,999	$\frac{3,001,086,657}{3,001,286,657}$	3	$\frac{2,952,940,639}{3,001,286,657}$
108,544	2,713,600,000	$\frac{3,125}{3,392}$	2,713,599,999	$\frac{267}{3,392}$	100,000	$\frac{200,000}{2,945,449,983}$	3	$\frac{2,018,050,051}{2,945,449,983}$	99,999	$\frac{589,049,997}{589,089,997}$	3	$\frac{403,610,009}{589,089,997}$
107,520	2,688,000,000	$\frac{625}{672}$	2,687,999,999	$\frac{47}{672}$	100,000	$\frac{200,000}{2,890,137,599}$	3	$\frac{2,081,587,203}{2,890,137,599}$	99,999	$\frac{2,889,937,601}{2,890,137,601}$	3	$\frac{2,081,587,197}{2,890,137,601}$
106,496	2,662,400,000	$\frac{3,125}{3,328}$	2,662,399,999	$\frac{203}{3,328}$	100,000	$\frac{200,000}{2,835,349,503}$	3	$\frac{2,143,551,491}{2,835,349,503}$	99,999	$\frac{567,029,901}{567,069,901}$	3	$\frac{428,710,297}{567,069,901}$
105,472	2,636,800,000	$\frac{3,125}{3,296}$	2,636,799,999	$\frac{171}{3,296}$	100,000	$\frac{40,000}{556,217,139}$	3	$\frac{440,788,583}{556,217,139}$	99,999	$\frac{2,780,385,697}{2,781,085,697}$	3	$\frac{2,203,942,909}{2,781,085,697}$
104,448	2,611,200,000	$\frac{3,125}{3,264}$	2,611,199,999	$\frac{139}{3,264}$	100,000	$\frac{8,000}{109,093,847}$	3	$\frac{94,510,459}{109,093,847}$	99,999	$\frac{2,727,146,177}{2,727,346,177}$	3	$\frac{2,362,761,469}{2,727,346,177}$
103,424	2,585,600,000	$\frac{3,125}{3,232}$	2,585,599,999	$\frac{107}{3,232}$	100,000	$\frac{200,000}{2,674,130,943}$	3	$\frac{2,320,007,171}{2,674,130,943}$	99,999	$\frac{534,786,189}{534,826,189}$	3	$\frac{464,001,433}{534,826,189}$
Numeri primi Baicos:	Hypotenusa	Perpendicularum	100,000	Basis	Hypotenusa	Basis	Perpendicularum	100,000	Basis	Perpendicularum	100,000	Basis



LATERVM RATIONALIVM.

13

SERIES I.				SERIES II.				SERIES III.			
2 375,679,997	99,999	2,621,240,001	3	2,375,080,003	100,000	200,000	2,559,999,999	3	2,560,000,000	125	102,400
2,621,440,001		2,621,440,001		2,621,439,999		2,621,439,999		128		128	
2,402,706,589	99,999	2,595,091,137	3	480,541,319	100,000	40,000	2,547,199,999	59	2,547,200,000	3,125	101,888
2,595,291,137		2,595,291,137		519,058,227		519,058,227		3,184		3,184	
485,955,993	99,999	513,814,669	3	2,429,779,971	100,000	200,000	2,534,399,999	43	2,534,400,000	3,125	101,376
513,854,669		513,854,669		2,569,273,343		2,569,273,343		3,168		3,168	
19,649,921	99,999	20,345,493	3	2,456,240,131	100,000	200,000	2,521,599,999	27	2,521,600,000	3,125	100,864
20,347,093		20,347,093		2,543,386,623		2,543,386,623		3,152		3,152	
2,482,307,065	99,999	2,517,430,977	3	99,292,123	100,000	8,000	2,508,799,999	11	2,508,800,000	3,125	100,352
2,517,630,977		2,517,630,977		100,705,239		100,705,239		3,136		3,136	
15,974,396	99,999	2,491,806,401	4	15,974,404	100,000	200,000	2,495,999,998	623	2,496,000,001	1	99,840
2,492,006,401		2,492,006,401		2,492,006,399		2,492,006,399		624		624	
66,748,412	99,999	2,466,312,897	4	13,349,684	100,000	40,000	2,483,199,998	3,083	2,483,200,001	21	99,328
2,466,512,897		2,466,512,897		493,302,579		493,302,579		3,104		3,104	
23,399,628	99,999	488,190,093	4	116,998,148	100,000	200,000	2,470,399,998	3,051	2,470,400,001	37	98,816
488,230,093		488,230,093		2,441,150,463		2,441,150,463		3,088		3,088	
33,344,716	99,999	483,143,821	4	166,723,588	100,000	200,000	2,457,599,998	3,019	2,457,600,001	53	98,304
483,183,821		483,183,821		2,415,919,103		2,415,919,103		3,072		3,072	
215,924,732	99,999	2,390,618,817	4	43,184,948	100,000	40,000	2,444,799,998	2,987	2,444,800,001	69	97,792
2,390,818,817		2,390,818,817		478,163,763		478,163,763		3,056		3,056	
264,601,596	99,999	2,365,649,601	4	264,601,604	100,000	200,000	2,431,999,998	591	2,432,000,001	17	97,280
2,365,849,601		2,365,849,601		2,365,849,599		2,365,849,599		608		608	
312,754,172	99,999	2,340,811,457	4	62,550,836	100,000	40,000	2,419,199,998	2,923	2,419,200,001	101	96,768
2,341,011,457		2,341,011,457		468,202,291		468,202,291		3,024		3,024	
72,076,492	99,999	463,220,877	4	360,382,468	100,000	200,000	2,406,399,998	2,891	2,406,400,001	117	96,256
463,260,877		463,260,877		2,316,304,383		2,316,304,383		3,008		3,008	
81,497,292	99,999	458,305,677	4	407,486,468	100,000	200,000	2,393,599,998	2,859	2,393,600,001	133	95,744
458,345,677		458,345,677		2,291,728,383		2,291,728,383		2,992		2,992	
454,066,172	99,999	2,267,083,457	4	90,813,236	100,000	40,000	2,380,799,998	2,827	2,380,800,001	149	95,232
2,267,283,457		2,267,283,457		453,456,691		453,456,691		2,976		2,976	
500,121,596	99,999	2,242,769,601	4	500,121,604	100,000	200,000	2,367,999,998	559	2,368,000,001	33	94,720
2,242,969,601		2,242,969,601		2,242,969,599		2,242,969,599		592		592	
545,652,732	99,999	2,218,586,817	4	109,130,548	100,000	40,000	2,355,199,998	2,763	2,355,200,001	181	94,208
2,218,786,817		2,218,786,817		443,757,363		443,757,363		2,944		2,944	
118,131,916	99,999	438,907,021	4	590,659,588	100,000	200,000	2,342,399,998	2,731	2,342,400,001	197	93,696
438,947,021		438,947,021		2,194,735,103		2,194,735,103		2,928		2,928	
127,028,428	99,999	434,122,893	4	435,142,148	100,000	200,000	2,329,599,998	2,699	2,329,600,001	213	93,184
434,162,893		434,162,893		2,170,814,463		2,170,814,463		2,912		2,912	
679,100,412	99,999	2,146,824,897	4	135,820,084	100,000	40,000	2,316,799,998	2,667	2,316,800,001	229	92,672
2,147,024,897		2,147,024,897		429,404,979		429,404,979		2,896		2,896	
722,534,396	99,999	2,123,166,401	4	722,534,404	100,000	200,000	2,303,999,998	527	2,304,000,001	49	92,160
2,123,366,401		2,123,366,401		2,123,366,399		2,123,366,399		576		576	
765,444,092	99,999	2,099,638,977	4	30,617,764	100,000	8,000	2,291,199,998	2,603	2,291,200,001	261	91,648
2,099,838,977		2,099,838,977		83,993,559		83,993,559		2,864		2,864	
646,343,6	99,999	16,609,941	4	807,929,508	100,000	200,000	2,278,399,998	2,571	2,278,400,001	277	91,136
16,611,541		16,611,541		2,076,442,623		2,076,442,623		2,848		2,848	
169,938,124	99,999	410,595,469	4	849,690,628	100,000	200,000	2,265,599,998	2,539	2,265,600,001	293	90,624
410,635,469		410,635,469		2,053,177,343		2,053,177,343		2,832		2,832	
891,027,452	99,999	2,029,843,137	4	178,205,492	100,000	40,000	2,252,799,998	2,507	2,252,800,001	309	90,112
2,030,043,137		2,030,043,137		406,008,627		406,008,627		2,816		2,816	
931,839,996	99,999	2,006,840,001	4	931,840,004	100,000	200,000	2,239,999,998	99	2,240,000,001	13	89,600
2,007,040,001		2,007,040,001		2,007,039,999		2,007,039,999		112		112	
972,128,252	99,999	1,983,967,937	4	194,025,652	100,000	40,000	2,227,199,998	2,443	2,227,200,001	341	89,088
1,984,167,937		1,984,167,937		396,833,587		396,833,587		2,784		2,784	
202,378,444	99,999	392,245,389	4	1,011,892,228	100,000	200,000	2,214,399,998	2,411	2,214,400,001	357	88,576
392,285,389		392,285,389		1,961,426,943		1,961,426,943		2,768		2,768	
42,045,276	99,999	77,544,681	4	1,051,131,908	100,000	200,000	2,201,599,998	2,379	2,201,600,001	373	88,064
77,552,681		77,552,681		1,938,817,023		1,938,817,023		2,752		2,752	
1,089,847,292	99,999	1,916,138,177	4	43,593,892	100,000	8,000	2,188,799,998	2,347	2,188,800,001	389	87,552
1,916,338,177		1,916,338,177		78,653,527		78,653,527		2,736		2,736	
1,128,038,396	99,999	1,893,790,401	4	1,128,038,404	100,000	200,000	2,175,999,998	463	2,176,000,001	81	87,040
1,893,990,401		1,893,990,401		1,893,990,399		1,893,990,399		544		544	
1,165,705,212	99,999	1,871,573,697	4	233,141,044	100,000	40,000	2,163,199,998	2,283	2,163,200,001	421	86,528
1,871,773,697		1,871,773,697		374,354,739		374,354,739		2,704		2,704	
Basis	Perpendicularum			Basis	Hypotenusa			Perpendicularum	Hypotenusa		
100,000				100,000				100,000			
Hypotenusa				Perpendicularum				Basis			Numeri primi Bases.



## CANONION TRIANGVLORVM

	SERIES III.				SERIES II.				SERIES I.			
86,016	2,150,400,001	$\frac{437}{2,688}$	2,150,399,998	$\frac{2,251}{2,688}$	100,000	$\frac{200,000}{1,849,688,063}$	4	$\frac{1,202,847,748}{1,849,688,063}$	99,999	$\frac{369,897,613}{369,937,613}$	4	$\frac{240,569,548}{369,937,613}$
85,504	2,137,600,001	$\frac{453}{2,672}$	2,137,599,998	$\frac{2,219}{2,672}$	100,000	$\frac{200,000}{1,827,733,503}$	4	$\frac{1,239,465,988}{1,827,733,503}$	99,999	$\frac{365,506,701}{365,546,701}$	4	$\frac{247,893,196}{365,546,701}$
84,992	2,124,800,001	$\frac{469}{2,656}$	2,124,799,998	$\frac{2,187}{2,656}$	100,000	$\frac{40,000}{361,182,003}$	4	$\frac{255,111,988}{361,182,003}$	99,999	$\frac{1,805,710,017}{1,805,910,017}$	4	$\frac{1,275,559,932}{1,805,910,017}$
84,480	2,112,000,001	$\frac{97}{528}$	2,111,999,998	$\frac{431}{528}$	100,000	$\frac{200,000}{1,784,217,599}$	4	$\frac{1,311,129,604}{1,784,217,599}$	99,999	$\frac{1,784,017,601}{1,784,217,601}$	4	$\frac{1,311,129,596}{1,784,217,601}$
83,968	2,099,200,001	$\frac{501}{2,624}$	2,099,199,998	$\frac{2,123}{2,624}$	100,000	$\frac{40,000}{352,531,251}$	4	$\frac{269,234,995}{352,531,251}$	99,999	$\frac{1,762,456,257}{1,762,656,257}$	4	$\frac{1,346,174,972}{1,762,656,257}$
83,456	2,086,400,001	$\frac{517}{2,608}$	2,086,399,998	$\frac{2,091}{2,608}$	100,000	$\frac{200,000}{1,741,225,983}$	4	$\frac{1,380,696,068}{1,741,225,983}$	99,999	$\frac{348,205,197}{348,245,197}$	4	$\frac{276,139,212}{348,245,197}$
82,944	2,073,600,001	$\frac{533}{2,592}$	2,073,599,998	$\frac{2,059}{2,592}$	100,000	$\frac{200,000}{1,719,926,783}$	4	$\frac{1,414,692,868}{1,719,926,783}$	99,999	$\frac{343,945,357}{343,985,357}$	4	$\frac{282,938,572}{343,985,357}$
82,432	2,060,800,001	$\frac{549}{2,576}$	2,060,799,998	$\frac{2,027}{2,576}$	100,000	$\frac{40,000}{339,751,731}$	4	$\frac{1,481,113,604}{339,751,731}$	99,999	$\frac{1,698,558,657}{1,698,758,657}$	4	$\frac{1,448,165,372}{1,698,758,657}$
81,920	2,048,000,001	$\frac{113}{512}$	2,047,999,998	$\frac{399}{512}$	100,000	$\frac{200,000}{1,677,721,599}$	4	$\frac{1,481,113,604}{1,677,721,599}$	99,999	$\frac{1,677,521,601}{1,677,721,601}$	4	$\frac{1,481,113,596}{1,677,721,601}$
81,408	2,035,200,001	$\frac{581}{2,544}$	2,035,199,998	$\frac{1,953}{2,544}$	100,000	$\frac{40,000}{331,363,123}$	4	$\frac{302,707,508}{331,363,123}$	99,999	$\frac{1,656,615,617}{1,656,815,617}$	4	$\frac{1,513,537,532}{1,656,815,617}$
80,896	2,022,400,001	$\frac{597}{2,528}$	2,022,399,998	$\frac{1,931}{2,528}$	100,000	$\frac{200,000}{1,636,040,703}$	4	$\frac{1,545,437,188}{1,636,040,703}$	99,999	$\frac{327,168,141}{327,208,141}$	4	$\frac{309,087,436}{327,208,141}$
80,384	2,009,600,001	$\frac{613}{2,512}$	2,009,599,998	$\frac{1,899}{2,512}$	100,000	$\frac{200,000}{1,615,396,863}$	4	$\frac{1,576,812,548}{1,615,396,863}$	99,999	$\frac{323,039,373}{323,079,373}$	4	$\frac{315,362,508}{323,079,373}$
79,872	1,996,800,001	$\frac{629}{2,496}$	1,996,799,998	$\frac{1,867}{2,496}$	100,000	$\frac{200,000}{318,976,819}$	5	$\frac{2,555,905}{318,976,819}$	99,999	$\frac{1,594,684,097}{1,594,884,097}$	5	$\frac{12,779,515}{1,594,884,097}$
79,360	1,984,000,001	$\frac{129}{496}$	1,983,999,998	$\frac{367}{496}$	100,000	$\frac{200,000}{1,574,502,391}$	5	$\frac{63,488,005}{1,574,502,391}$	99,999	$\frac{1,574,302,401}{1,574,502,401}$	5	$\frac{63,487,995}{1,574,502,401}$
78,848	1,971,200,001	$\frac{661}{2,464}$	1,971,199,998	$\frac{1,803}{2,464}$	100,000	$\frac{8,000}{62,170,071}$	5	$\frac{4,541,645}{62,170,071}$	99,999	$\frac{1,554,051,777}{1,554,251,777}$	5	$\frac{113,541,115}{1,554,251,777}$
78,336	1,958,400,001	$\frac{677}{2,448}$	1,958,399,998	$\frac{1,771}{2,448}$	100,000	$\frac{200,000}{1,534,132,223}$	5	$\frac{162,938,885}{1,534,132,223}$	99,999	$\frac{61,357,289}{61,365,289}$	5	$\frac{65,175,555}{61,365,289}$
77,824	1,945,600,001	$\frac{693}{2,432}$	1,945,599,998	$\frac{1,739}{2,432}$	100,000	$\frac{200,000}{1,514,143,743}$	5	$\frac{211,681,285}{1,514,143,743}$	99,999	$\frac{302,788,749}{302,828,749}$	5	$\frac{42,336,155}{302,828,749}$
77,312	1,932,800,001	$\frac{709}{2,416}$	1,932,799,998	$\frac{1,707}{2,416}$	100,000	$\frac{40,000}{298,857,267}$	5	$\frac{51,953,665}{298,857,267}$	99,999	$\frac{1,494,086,337}{1,494,286,337}$	5	$\frac{259,768,315}{1,494,286,337}$
76,800	1,920,000,001	$\frac{29}{96}$	1,919,999,998	$\frac{67}{96}$	100,000	$\frac{200,000}{1,474,559,999}$	5	$\frac{307,200,005}{1,474,559,999}$	99,999	$\frac{1,474,360,001}{1,474,560,001}$	5	$\frac{307,199,995}{1,474,560,001}$
76,288	1,907,200,001	$\frac{741}{2,384}$	1,907,199,998	$\frac{1,643}{2,384}$	100,000	$\frac{40,000}{290,992,947}$	5	$\frac{70,795,265}{290,992,947}$	99,999	$\frac{1,454,764,737}{1,454,964,737}$	5	$\frac{353,976,315}{1,454,964,737}$
75,776	1,894,400,001	$\frac{757}{2,368}$	1,894,399,998	$\frac{1,611}{2,368}$	100,000	$\frac{200,000}{1,435,500,543}$	5	$\frac{400,097,265}{1,435,500,543}$	99,999	$\frac{287,060,109}{287,100,109}$	5	$\frac{80,019,451}{287,100,109}$
75,264	1,881,600,001	$\frac{773}{2,352}$	1,881,599,998	$\frac{1,579}{2,352}$	100,000	$\frac{200,000}{1,416,167,423}$	5	$\frac{445,562,885}{1,416,167,423}$	99,999	$\frac{56,638,697}{56,646,697}$	5	$\frac{17,822,515}{56,646,697}$
74,752	1,868,800,001	$\frac{789}{2,336}$	1,868,799,998	$\frac{1,547}{2,336}$	100,000	$\frac{1,600}{11,175,723}$	5	$\frac{3,922,985}{11,175,723}$	99,999	$\frac{1,396,765,377}{1,396,965,377}$	5	$\frac{490,373,115}{1,396,965,377}$
74,240	1,856,000,001	$\frac{161}{464}$	1,855,999,998	$\frac{303}{464}$	100,000	$\frac{200,000}{1,377,894,399}$	5	$\frac{934,528,005}{1,377,894,399}$	99,999	$\frac{1,377,694,401}{1,377,894,401}$	5	$\frac{534,527,995}{1,377,894,401}$
73,728	1,843,200,001	$\frac{821}{2,304}$	1,843,199,998	$\frac{1,483}{2,304}$	100,000	$\frac{40,000}{271,790,899}$	5	$\frac{115,605,514}{271,790,899}$	99,999	$\frac{1,358,754,497}{1,358,954,497}$	5	$\frac{578,027,515}{1,358,954,497}$
73,216	1,830,400,001	$\frac{837}{2,288}$	1,830,399,998	$\frac{1,451}{2,288}$	100,000	$\frac{200,000}{1,340,145,663}$	5	$\frac{620,871,685}{1,340,145,663}$	99,999	$\frac{1,67,989,133}{1,68,029,133}$	5	$\frac{124,174,335}{1,68,029,133}$
72,704	1,817,600,001	$\frac{853}{2,272}$	1,817,599,998	$\frac{1,419}{2,272}$	100,000	$\frac{200,000}{1,321,467,903}$	5	$\frac{663,050,485}{1,321,467,903}$	99,999	$\frac{264,253,581}{264,293,581}$	5	$\frac{132,610,095}{264,293,581}$
72,192	1,804,800,001	$\frac{869}{2,256}$	1,804,799,998	$\frac{1,387}{2,256}$	100,000	$\frac{40,000}{260,584,243}$	5	$\frac{140,918,385}{260,584,243}$	99,999	$\frac{1,302,721,217}{1,302,921,217}$	5	$\frac{704,591,915}{1,302,921,217}$
71,680	1,792,000,001	$\frac{177}{448}$	1,791,999,998	$\frac{271}{448}$	100,000	$\frac{200,000}{1,284,505,599}$	5	$\frac{745,472,005}{1,284,505,599}$	99,999	$\frac{1,284,305,601}{1,284,505,601}$	5	$\frac{745,471,995}{1,284,505,601}$
71,168	1,779,200,001	$\frac{901}{2,224}$	1,779,199,998	$\frac{1,323}{2,224}$	100,000	$\frac{40,000}{253,244,611}$	5	$\frac{157,138,945}{253,244,611}$	99,999	$\frac{1,266,021,057}{1,266,221,057}$	5	$\frac{785,694,715}{1,266,221,057}$
70,656	1,766,400,001	$\frac{917}{2,208}$	1,766,399,998	$\frac{1,291}{2,208}$	100,000	$\frac{200,000}{1,248,067,583}$	5	$\frac{825,202,085}{1,248,067,583}$	99,999	$\frac{249,573,517}{249,613,517}$	5	$\frac{165,040,415}{249,613,517}$
70,144	1,753,600,001	$\frac{933}{2,192}$	1,753,599,998	$\frac{1,259}{2,192}$	100,000	$\frac{200,000}{1,230,045,183}$	5	$\frac{864,174,085}{1,230,045,183}$	99,999	$\frac{245,969,037}{246,009,037}$	5	$\frac{172,834,815}{246,009,037}$
69,632	1,740,800,001	$\frac{949}{2,176}$	1,740,799,998	$\frac{1,267}{2,176}$	100,000	$\frac{40,000}{242,430,771}$	5	$\frac{160,486,145}{242,430,771}$	99,999	$\frac{1,211,953,857}{1,212,153,857}$	5	$\frac{802,430,715}{1,212,153,857}$
69,120	1,728,000,001	$\frac{193}{432}$	1,727,999,998	$\frac{239}{432}$	100,000	$\frac{200,000}{1,194,393,599}$	5	$\frac{940,032,005}{1,194,393,599}$	99,999	$\frac{1,194,193,601}{1,194,393,601}$	5	$\frac{940,031,995}{1,194,393,601}$
Numeri pri- mi Bases.	Hypotenusa	Perpendiculum			Hypotenusa	Basis			Perpendiculum	Basis		
	100,000				100,000				100,000			
		Basis				Perpendiculum				Hypotenusa		



# LATERVM RATIONALIVM.

15

SERIES I.			SERIES II.			SERIES III.			
5	976,977,915 1,176,764,417	99,999 1,176,764,417	5	195,395,585 235,352,883	100,000 235,352,883	5	1,715,199,998 2,144	1,715,200,001 2,144	68,608
5	202,653,695 231,853,261	99,999 231,853,261	5	1,013,268,485 1,159,266,303	100,000 1,159,266,303	5	1,702,399,998 2,128	1,702,400,001 2,128	68,096
5	209,780,735 228,379,853	99,999 228,379,853	5	1,048,903,685 1,141,899,263	100,000 1,141,899,263	5	1,689,599,998 2,112	1,689,600,001 2,112	67,584
5	1,083,883,515 1,124,663,297	99,999 1,124,663,297	5	216,776,705 224,932,659	100,000 224,932,659	5	1,676,799,998 2,096	1,676,800,001 2,096	67,072
6	10,649,594 1,107,558,401	99,999 1,107,558,401	6	10,649,606 107,558,399	100,000 1,107,558,399	6	1,663,999,998 416	1,664,000,001 416	66,560
6	61,292,538 1,090,584,577	99,999 1,090,584,577	6	2,451,702 43,623,383	100,000 43,623,383	6	1,651,199,998 2,064	1,651,200,001 2,064	66,048
6	4,445,962 42,949,673	99,999 42,949,673	6	111,149,062 1,073,741,823	100,000 1,073,741,823	6	1,638,399,998 2,048	1,638,400,001 2,048	65,536
6	32,043,826 211,406,029	99,999 211,406,029	6	160,219,142 1,057,030,143	100,000 1,057,030,143	6	1,625,599,998 2,032	1,625,600,001 2,032	65,024
6	208,502,778 1,040,449,537	99,999 1,040,449,537	6	41,700,558 208,089,907	100,000 208,089,907	6	1,612,799,998 2,016	1,612,800,001 2,016	64,512
6	255,999,994 1,024,000,001	99,999 1,024,000,001	6	256,000,006 1,023,999,999	100,000 1,023,999,999	6	1,599,999,998 16	1,600,000,001 16	64,000
6	302,710,778 1,007,681,537	99,999 1,007,681,537	6	60,542,158 201,536,307	100,000 201,536,307	6	1,587,199,998 1,984	1,587,200,001 1,984	63,488
6	69,727,026 198,298,829	99,999 198,298,829	6	348,635,142 991,494,143	100,000 991,494,143	6	1,574,399,998 1,968	1,574,400,001 1,968	62,976
6	15,750,922 39,017,513	99,999 39,017,513	6	393,773,062 975,437,823	100,000 975,437,823	6	1,561,599,998 1,952	1,561,600,001 1,952	62,464
6	438,124,538 959,512,577	99,999 959,512,577	6	17,524,982 38,380,503	100,000 38,380,503	6	1,548,799,998 1,936	1,548,800,001 1,936	61,952
6	481,689,594 943,718,401	99,999 943,718,401	6	481,689,606 943,718,399	100,000 943,718,399	6	1,535,999,998 384	1,536,000,001 384	61,440
6	524,468,218 928,055,297	99,999 928,055,297	6	104,893,646 185,611,059	100,000 185,611,059	6	1,523,199,998 1,904	1,523,200,001 1,904	60,928
6	113,292,082 182,504,653	99,999 182,504,653	6	566,460,422 912,523,263	100,000 912,523,263	6	1,510,399,998 1,888	1,510,400,001 1,888	60,416
6	121,533,234 179,424,461	99,999 179,424,461	6	607,566,182 897,122,303	100,000 897,122,303	6	1,497,599,998 1,872	1,497,600,001 1,872	59,904
6	648,085,498 881,852,417	99,999 881,852,417	6	129,617,102 176,370,483	100,000 176,370,483	6	1,484,799,998 1,856	1,484,800,001 1,856	59,392
6	687,718,394 866,713,601	99,999 866,713,601	6	687,718,406 866,713,599	100,000 866,713,599	6	1,471,999,998 368	1,472,000,001 368	58,880
6	726,564,858 851,705,857	99,999 851,705,857	6	145,312,974 170,341,171	100,000 170,341,171	6	1,459,199,998 1,824	1,459,200,001 1,824	58,368
6	152,924,978 167,365,837	99,999 167,365,837	6	764,624,902 836,829,183	100,000 836,829,183	6	1,446,399,998 1,808	1,446,400,001 1,808	57,856
6	160,379,298 164,416,717	99,999 164,416,717	6	801,898,502 822,083,583	100,000 822,083,583	6	1,433,599,998 1,792	1,433,600,001 1,792	57,344
7	30,916,601 807,469,057	99,999 807,469,057	7	6,183,323 161,493,811	100,000 161,493,811	7	1,420,799,998 1,776	1,420,800,001 1,776	56,832
7	81,100,793 792,985,601	99,999 792,985,601	7	81,100,807 792,985,599	100,000 792,985,599	7	1,407,999,998 352	1,408,000,001 352	56,320
7	130,367,481 778,633,217	99,999 778,633,217	7	26,073,499 155,726,643	100,000 155,726,643	7	1,395,199,998 1,744	1,395,200,001 1,744	55,808
7	35,743,333 152,882,381	99,999 152,882,381	7	178,716,679 764,411,903	100,000 764,411,903	7	1,382,399,998 1,728	1,382,400,001 1,728	55,296
7	45,229,669 150,064,333	99,999 150,064,333	7	226,148,359 750,321,663	100,000 750,321,663	7	1,369,599,998 1,712	1,369,600,001 1,712	54,784
7	272,662,521 736,362,497	99,999 736,362,497	7	54,532,507 147,272,499	100,000 147,272,499	7	1,356,799,998 1,696	1,356,800,001 1,696	54,272
7	318,259,193 722,534,401	99,999 722,534,401	7	318,259,207 722,534,399	100,000 722,534,399	7	1,343,999,998 336	1,344,000,001 336	53,760
7	362,938,361 708,837,377	99,999 708,837,377	7	2,903,507 5,670,699	100,000 5,670,699	7	1,331,199,998 1,664	1,331,200,001 1,664	53,248
7	16,268,001 27,800,857	99,999 27,800,857	7	406,700,039 695,271,423	100,000 695,271,423	7	1,318,399,998 1,648	1,318,400,001 1,648	52,736
7	89,908,837 136,367,309	99,999 136,367,309	7	449,544,199 681,836,543	100,000 681,836,543	7	1,305,599,998 1,632	1,305,600,001 1,632	52,224
7	491,470,841 668,532,737	99,999 668,532,737	7	98,294,171 133,706,547	100,000 133,706,547	7	1,292,799,998 1,616	1,292,800,001 1,616	51,712
Basis Perpendicularum			Basis Hypotenusa			Perpendicularum Hypotenusa			Numeri primi Bases.
100,000 Hypotenusa			100,000 Perpendicularum			100,000 Basis			



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
51,200	1,280,000,001	$\frac{61}{64}$	1,279,999,998	$\frac{3}{64}$	100,000	$\frac{200,000}{655,359,999}$	7	$\frac{532,480,007}{655,359,999}$	99,999	$\frac{655,160,001}{655,360,001}$	7	$\frac{532,479,993}{655,360,001}$
50,944	1,273,600,001	$\frac{1,533}{1,592}$	1,273,599,998	$\frac{59}{1,592}$	100,000	$\frac{200,000}{648,822,783}$	7	$\frac{552,540,519}{648,822,783}$	99,999	$\frac{129,724,557}{129,764,557}$	7	$\frac{110,528,101}{129,764,557}$
50,688	1,267,200,001	$\frac{1,541}{1,584}$	1,267,199,998	$\frac{43}{1,584}$	100,000	$\frac{200,000}{128,463,667}$	7	$\frac{114,514,331}{128,463,667}$	99,999	$\frac{642,118,337}{642,318,337}$	7	$\frac{572,571,641}{642,318,337}$
50,432	1,260,800,001	$\frac{1,549}{1,576}$	1,260,799,998	$\frac{27}{1,576}$	100,000	$\frac{40,000}{127,169,331}$	7	$\frac{118,454,683}{127,169,331}$	99,999	$\frac{635,646,657}{635,846,657}$	7	$\frac{592,273,401}{635,846,657}$
50,176	1,254,400,001	$\frac{1,557}{1,558}$	1,254,399,998	$\frac{11}{1,558}$	100,000	$\frac{200,000}{629,407,743}$	7	$\frac{611,745,799}{629,407,743}$	99,999	$\frac{125,841,549}{125,881,549}$	7	$\frac{122,349,157}{125,881,549}$
49,920	1,248,000,002	$\frac{1}{312}$	1,247,999,997	$\frac{311}{312}$	100,000	$\frac{200,000}{623,001,599}$	8	$\frac{7,987,208}{623,001,599}$	99,999	$\frac{622,801,601}{623,001,601}$	8	$\frac{7,987,192}{623,001,601}$
49,664	1,241,600,002	$\frac{21}{1,552}$	1,241,599,997	$\frac{1,531}{1,552}$	100,000	$\frac{200,000}{616,628,223}$	8	$\frac{33,374,216}{616,628,223}$	99,999	$\frac{24,657,129}{24,665,129}$	8	$\frac{1,334,968}{24,665,129}$
49,408	1,235,200,002	$\frac{37}{1,544}$	1,235,199,997	$\frac{1,507}{1,544}$	100,000	$\frac{40,000}{122,057,523}$	8	$\frac{11,699,816}{122,057,523}$	99,999	$\frac{610,087,617}{610,287,617}$	8	$\frac{58,499,064}{610,287,617}$
49,152	1,228,800,002	$\frac{53}{1,536}$	1,228,799,997	$\frac{1,483}{1,536}$	100,000	$\frac{8,000}{24,159,191}$	8	$\frac{3,334,472}{24,159,191}$	99,999	$\frac{603,779,777}{603,979,777}$	8	$\frac{83,361,784}{603,979,777}$
48,896	1,222,400,002	$\frac{69}{1,528}$	1,222,399,997	$\frac{1,459}{1,528}$	100,000	$\frac{200,000}{597,704,703}$	8	$\frac{107,962,376}{597,704,703}$	99,999	$\frac{119,500,941}{119,540,941}$	8	$\frac{21,592,472}{119,540,941}$
48,640	1,216,000,002	$\frac{17}{304}$	1,215,999,997	$\frac{287}{304}$	100,000	$\frac{200,000}{591,462,401}$	8	$\frac{132,300,808}{591,462,401}$	99,999	$\frac{591,262,401}{591,462,401}$	8	$\frac{132,300,792}{591,462,401}$
48,384	1,209,600,002	$\frac{101}{1,512}$	1,209,599,997	$\frac{1,411}{1,512}$	100,000	$\frac{200,000}{585,252,863}$	8	$\frac{156,377,096}{585,252,863}$	99,999	$\frac{117,010,573}{117,050,573}$	8	$\frac{31,275,416}{117,050,573}$
48,128	1,203,200,002	$\frac{117}{1,504}$	1,203,199,997	$\frac{1,387}{1,504}$	100,000	$\frac{40,000}{115,815,219}$	8	$\frac{36,038,248}{115,815,219}$	99,999	$\frac{578,876,097}{579,076,097}$	8	$\frac{180,191,224}{579,076,097}$
47,872	1,196,800,002	$\frac{1,363}{1,496}$	1,196,799,997	$\frac{133}{1,496}$	100,000	$\frac{40,000}{114,586,419}$	8	$\frac{40,748,648}{114,586,419}$	99,999	$\frac{572,732,097}{572,932,097}$	8	$\frac{203,743,224}{572,932,097}$
47,616	1,190,400,002	$\frac{149}{1,488}$	1,190,399,997	$\frac{1,339}{1,488}$	100,000	$\frac{200,000}{566,820,863}$	8	$\frac{227,033,096}{566,820,863}$	99,999	$\frac{113,324,173}{113,364,173}$	8	$\frac{45,406,616}{113,364,173}$
47,360	1,184,000,002	$\frac{33}{296}$	1,183,999,997	$\frac{263}{296}$	100,000	$\frac{200,000}{560,742,399}$	8	$\frac{250,060,808}{560,742,399}$	99,999	$\frac{560,542,401}{560,742,401}$	8	$\frac{250,060,792}{560,742,401}$
47,104	1,177,600,002	$\frac{181}{1,472}$	1,177,599,997	$\frac{1,291}{1,472}$	100,000	$\frac{200,000}{554,696,703}$	8	$\frac{271,826,376}{554,696,703}$	99,999	$\frac{110,899,341}{110,939,341}$	8	$\frac{54,565,272}{110,939,341}$
46,848	1,171,200,002	$\frac{197}{1,464}$	1,171,199,997	$\frac{1,267}{1,464}$	100,000	$\frac{40,000}{21,947,351}$	8	$\frac{11,813,192}{21,947,351}$	99,999	$\frac{548,483,777}{548,683,777}$	8	$\frac{295,329,784}{548,683,777}$
46,592	1,164,800,002	$\frac{213}{1,456}$	1,164,799,997	$\frac{1,238}{1,456}$	100,000	$\frac{40,000}{108,540,723}$	8	$\frac{63,514,216}{108,540,723}$	99,999	$\frac{542,503,617}{542,703,617}$	8	$\frac{317,571,064}{542,703,617}$
46,336	1,158,400,002	$\frac{229}{1,448}$	1,158,399,997	$\frac{1,219}{1,448}$	100,000	$\frac{200,000}{536,756,223}$	8	$\frac{339,550,216}{536,756,223}$	99,999	$\frac{21,462,249}{21,470,249}$	8	$\frac{13,582,008}{21,470,249}$
46,080	1,152,000,002	$\frac{49}{288}$	1,151,999,997	$\frac{239}{288}$	100,000	$\frac{200,000}{530,841,599}$	8	$\frac{361,267,208}{530,841,599}$	99,999	$\frac{530,641,601}{530,841,601}$	8	$\frac{361,267,192}{530,841,601}$
45,824	1,145,600,002	$\frac{261}{1,432}$	1,145,599,997	$\frac{1,171}{1,432}$	100,000	$\frac{200,000}{524,959,743}$	8	$\frac{382,722,056}{524,959,743}$	99,999	$\frac{104,951,959}{104,991,959}$	8	$\frac{76,544,408}{104,991,959}$
45,568	1,139,200,002	$\frac{277}{1,424}$	1,139,199,997	$\frac{1,147}{1,424}$	100,000	$\frac{200,000}{103,822,131}$	8	$\frac{80,782,952}{103,822,131}$	99,999	$\frac{518,910,657}{519,110,657}$	8	$\frac{403,914,744}{519,110,657}$
45,312	1,132,800,002	$\frac{293}{1,416}$	1,132,799,997	$\frac{1,123}{1,416}$	100,000	$\frac{40,000}{102,658,867}$	8	$\frac{84,969,064}{102,658,867}$	99,999	$\frac{513,094,337}{513,294,337}$	8	$\frac{424,845,304}{513,294,337}$
45,056	1,126,400,002	$\frac{309}{1,408}$	1,126,399,997	$\frac{1,099}{1,408}$	100,000	$\frac{200,000}{507,510,783}$	8	$\frac{445,513,736}{507,510,783}$	99,999	$\frac{101,462,157}{101,502,157}$	8	$\frac{89,102,744}{101,502,157}$
44,800	1,120,000,002	$\frac{13}{56}$	1,119,999,997	$\frac{43}{56}$	100,000	$\frac{200,000}{501,759,999}$	8	$\frac{465,920,008}{501,759,999}$	99,999	$\frac{501,560,001}{501,760,001}$	8	$\frac{465,919,992}{501,760,001}$
44,544	1,113,600,002	$\frac{341}{1,392}$	1,113,599,997	$\frac{1,051}{1,392}$	100,000	$\frac{200,000}{496,041,983}$	8	$\frac{486,064,136}{496,041,983}$	99,999	$\frac{99,168,397}{99,208,397}$	8	$\frac{97,212,824}{99,208,397}$
44,288	1,107,200,002	$\frac{357}{1,384}$	1,107,199,997	$\frac{1,027}{1,384}$	100,000	$\frac{40,000}{98,071,347}$	9	$\frac{3,117,877}{98,071,347}$	99,999	$\frac{490,156,737}{490,356,737}$	9	$\frac{15,589,367}{490,356,737}$
44,032	1,100,800,002	$\frac{373}{1,376}$	1,100,799,997	$\frac{1,003}{1,376}$	100,000	$\frac{40,000}{96,940,851}$	9	$\frac{8,172,341}{96,940,851}$	99,999	$\frac{484,504,257}{484,704,257}$	9	$\frac{40,861,687}{484,704,257}$
43,776	1,094,400,002	$\frac{389}{1,368}$	1,094,399,997	$\frac{979}{1,368}$	100,000	$\frac{200,000}{479,084,543}$	9	$\frac{65,839,113}{479,084,543}$	99,999	$\frac{95,776,909}{95,816,909}$	9	$\frac{13,187,819}{95,816,909}$
43,520	1,088,000,002	$\frac{81}{272}$	1,087,999,997	$\frac{191}{272}$	100,000	$\frac{200,000}{473,497,599}$	9	$\frac{90,521,609}{473,497,599}$	99,999	$\frac{473,297,601}{473,497,601}$	9	$\frac{90,521,591}{473,497,601}$
43,264	1,081,600,002	$\frac{421}{1,352}$	1,081,599,997	$\frac{931}{1,352}$	100,000	$\frac{200,000}{467,943,423}$	9	$\frac{114,909,193}{467,943,423}$	99,999	$\frac{18,709,737}{18,717,737}$	9	$\frac{4,596,367}{18,717,737}$
Numeri pri- mi Bases.	Hypotenusa	Perpendicularum			Hypotenusa	Basis		Perpendicularum			Basis	
	100,000				100,000			100,000				
		Basis				Perpendicularum			Hypotenusa			



LATERVM RATIONALIVM.

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SERIES I.				SERIES II.				SERIES III.				
9	139,001,847	99,999	462,222,017	9	27,800,373	100,000	40,000	1,075,199,997	907	1,075,200,002	437	43,008
	462,422,017		462,422,017		92,484,403		92,484,403		1,344		1,344	
9	162,799,607	99,999	456,733,377	9	1,302,397	100,000	1,600	1,068,799,997	883	1,068,800,002	453	42,752
	456,933,377		456,933,377		3,655,467		3,655,467		1,336		1,336	
9	37,260,491	99,999	90,255,501	9	186,302,473	100,000	200,000	1,062,399,997	859	1,062,400,002	459	42,496
	90,295,501		90,295,501		451,477,503		451,477,503		1,328		1,328	
9	209,510,391	99,999	445,854,401	9	209,510,391	100,000	200,000	1,055,999,997	167	1,056,000,002	97	42,240
	445,054,401		445,054,401		445,054,399		445,054,399		264		264	
9	46,484,683	99,999	88,092,813	9	232,423,433	100,000	200,000	1,049,599,997	811	1,049,600,002	501	41,984
	88,132,813		88,132,813		440,664,063		440,664,063		1,312		1,312	
9	255,041,527	99,999	435,106,497	9	51,008,309	100,000	40,000	1,043,199,997	787	1,043,200,002	517	41,728
	435,306,497		435,306,497		87,061,299		87,061,299		1,304		1,304	
9	277,364,727	99,999	429,781,697	9	55,472,949	100,000	40,000	1,036,799,997	763	1,036,800,002	533	41,472
	429,981,697		429,981,697		85,996,339		85,996,339		1,296		1,296	
9	59,878,603	99,999	84,897,933	9	299,393,033	100,000	200,000	1,030,399,997	739	1,030,400,002	549	41,216
	84,937,933		84,937,933		424,689,663		424,689,663		1,288		1,288	
9	321,126,391	99,999	419,230,401	9	321,126,409	100,000	200,000	1,023,399,997	143	1,024,000,002	113	40,960
	419,430,401		419,430,401		419,430,399		419,430,399		256		256	
9	68,512,971	99,999	82,800,781	9	342,564,873	100,000	200,000	1,017,599,997	691	1,017,600,002	581	40,704
	82,840,781		82,840,781		414,203,903		414,203,903		1,272		1,272	
9	363,708,407	99,999	408,810,177	9	14,548,337	100,000	8,000	1,011,199,997	667	1,011,200,002	597	40,448
	409,010,177		409,010,177		16,360,407		16,360,407		1,264		1,264	
9	384,557,047	99,999	403,649,217	9	76,911,413	100,000	40,000	1,004,799,997	643	1,004,800,002	613	40,192
	403,849,217		403,849,217		80,769,843		80,769,843		1,256		1,256	
10	255,590	99,999	15,940,841	10	6,389,770	100,000	200,000	998,399,997	619	998,400,002	629	39,936
	15,948,841		15,948,841		398,721,023		398,721,023		1,248		1,248	
10	31,743,990	99,999	393,625,601	10	31,744,010	100,000	200,000	991,999,997	119	992,000,002	129	39,680
	393,625,601		393,625,601		393,625,599		393,625,599		248		248	
10	11,354,110	99,999	77,672,589	10	56,770,570	100,000	200,000	985,599,997	571	985,600,002	661	39,424
	77,712,589		77,712,589		388,562,943		388,562,943		1,232		1,232	
10	81,469,430	99,999	383,333,057	10	16,293,890	100,000	40,000	979,199,997	547	979,200,002	677	39,168
	383,333,057		383,333,057		76,706,611		76,706,611		1,224		1,224	
10	105,840,630	99,999	378,335,937	10	21,168,130	100,000	40,000	972,799,997	523	972,800,002	693	38,912
	378,335,937		378,335,937		75,707,187		75,707,187		1,216		1,216	
10	25,976,830	99,999	74,674,317	10	129,884,170	100,000	200,000	966,399,997	499	966,400,002	709	38,656
	74,714,317		74,714,317		373,571,583		373,571,583		1,208		1,208	
10	153,599,990	99,999	368,440,001	10	153,600,010	100,000	200,000	959,999,997	19	960,000,002	29	38,400
	368,640,001		368,640,001		368,639,999		368,639,999		48		48	
10	35,397,630	99,999	72,748,237	10	176,988,170	100,000	200,000	953,599,997	451	953,600,002	741	38,144
	72,748,237		72,748,237		363,741,183		363,741,183		1,192		1,192	
10	209,048,630	99,999	355,675,137	10	40,009,730	100,000	40,000	947,199,997	427	947,200,002	757	37,888
	358,875,137		358,875,137		71,775,027		71,775,027		1,184		1,184	
10	222,781,430	99,999	353,841,857	10	44,556,290	100,000	40,000	940,799,997	403	940,800,002	773	37,632
	354,041,857		354,041,857		70,808,373		70,808,373		1,176		1,176	
10	49,037,310	99,999	69,848,269	10	245,186,570	100,000	200,000	934,399,997	379	934,400,002	789	37,376
	69,848,269		69,848,269		349,241,343		349,241,343		1,168		1,168	
10	267,263,990	99,999	344,473,601	10	267,264,010	100,000	200,000	927,999,997	71	928,000,002	161	37,120
	344,473,601		344,473,601		344,473,599		344,473,599		232		232	
10	2,312,110	99,999	2,716,309	10	289,013,770	100,000	200,000	921,599,997	331	921,600,002	821	36,864
	2,717,909		2,717,909		339,738,623		339,738,623		1,152		1,152	
10	310,435,830	99,999	334,836,417	10	62,087,170	100,000	40,000	915,199,997	307	915,200,002	837	36,608
	335,036,417		335,036,417		67,007,283		67,007,283		1,144		1,144	
11	1,163,253	99,999	330,166,977	11	46,531	100,000	8,000	908,799,997	283	908,800,002	853	36,352
	330,366,977		330,366,977		13,214,679		13,214,679		1,136		1,136	
11	5,313,329	99,999	65,106,061	11	26,560,667	100,000	200,000	902,399,997	259	902,400,002	869	36,096
	65,146,061		65,146,061		325,730,303		325,730,303		1,128		1,128	
11	51,609,589	99,999	320,916,401	11	51,609,611	100,000	200,000	895,999,997	47	896,000,002	177	35,840
	321,126,401		321,126,401		321,126,399		321,126,399		224		224	
11	15,258,417	99,999	63,271,053	11	76,292,107	100,000	200,000	889,599,997	211	889,600,002	901	35,584
	63,311,053		63,311,053		316,555,263		316,555,263		1,112		1,112	
11	100,614,133	99,999	311,816,897	11	20,122,831	100,000	40,000	883,199,997	187	883,200,002	917	35,328
	312,016,897		312,016,897		62,403,379		62,403,379		1,104		1,104	
11	124,575,733	99,999	307,311,297	11	24,915,151	100,000	40,000	876,799,997	163	876,800,002	933	35,072
	307,511,297		307,511,297		61,502,259		61,502,259		1,096		1,096	
11	29,635,377	99,999	60,407,693	11	148,176,907	100,000	200,000	870,399,997	139	870,400,002	949	34,816
	60,607,693		60,607,693		303,038,463		303,038,463		1,088		1,088	
11	171,417,589	99,999	298,398,401	11	171,417,611	100,000	200,000	863,999,997	23	864,000,002	193	34,560
	298,598,401		298,598,401		298,598,399		298,598,399		216		216	
Basis 100,000 Hypotenusa				Basis 100,000 Hypotenusa				Basis 100,000 Hypotenusa				Numeri pri- mi Bases.



## CANONION TRIANGVLORVM

	SERIES III.				SERIES II.				SERIES I.			
34,304	857,600,002	$\frac{981}{1,072}$	857,599,997	$\frac{91}{1,072}$	100,000	$\frac{200,000}{294,191,103}$	II	$\frac{194,297,867}{294,191,103}$	99,999	$\frac{58,798,221}{58,838,221}$	II	$\frac{38,859,569}{58,838,221}$
34,048	851,200,002	$\frac{997}{1,064}$	851,199,997	$\frac{67}{1,064}$	100,000	$\frac{8,000}{11,592,663}$	II	$\frac{8,672,707}{11,592,663}$	99,999	$\frac{289,616,577}{289,816,577}$	II	$\frac{216,817,653}{289,816,577}$
33,792	844,800,002	$\frac{1,013}{1,056}$	844,799,997	$\frac{43}{1,056}$	100,000	$\frac{40,000}{57,094,963}$	II	$\frac{47,795,407}{57,094,963}$	99,999	$\frac{285,274,817}{285,474,817}$	II	$\frac{238,977,013}{285,474,817}$
33,536	838,400,002	$\frac{1,029}{1,048}$	838,399,997	$\frac{19}{1,048}$	100,000	$\frac{200,000}{281,165,823}$	II	$\frac{260,775,947}{281,165,823}$	99,999	$\frac{11,238,633}{11,246,633}$	II	$\frac{10,431,037}{11,246,633}$
33,280	832,000,003	$\frac{1}{208}$	831,999,996	$\frac{207}{208}$	100,000	$\frac{200,000}{276,889,599}$	II	$\frac{5,324,812}{276,889,599}$	99,999	$\frac{276,689,601}{276,889,601}$	II	$\frac{5,324,788}{276,889,601}$
33,024	825,600,003	$\frac{29}{1,032}$	825,599,996	$\frac{1,003}{1,032}$	100,000	$\frac{200,000}{272,646,143}$	II	$\frac{30,646,284}{272,646,143}$	99,999	$\frac{54,489,029}{54,529,029}$	II	$\frac{6,129,252}{54,529,029}$
32,768	819,200,003	$\frac{53}{1,024}$	819,199,996	$\frac{971}{1,024}$	100,000	$\frac{40,000}{53,687,091}$	II	$\frac{11,114,908}{53,687,091}$	99,999	$\frac{268,235,457}{268,435,457}$	II	$\frac{55,574,516}{268,435,457}$
32,512	812,800,003	$\frac{77}{1,016}$	812,799,996	$\frac{939}{1,016}$	100,000	$\frac{40,000}{52,851,507}$	II	$\frac{16,021,916}{52,851,507}$	99,999	$\frac{264,057,537}{264,257,537}$	II	$\frac{80,109,556}{264,257,537}$
32,256	806,400,003	$\frac{101}{1,008}$	806,399,996	$\frac{907}{1,008}$	100,000	$\frac{200,000}{260,112,383}$	II	$\frac{104,251,404}{260,112,383}$	99,999	$\frac{51,982,477}{52,022,477}$	II	$\frac{20,850,276}{52,022,477}$
32,000	800,000,003	$\frac{1}{8}$	799,999,996	$\frac{7}{8}$	100,000	$\frac{200,000}{255,999,999}$	II	$\frac{128,000,012}{255,999,999}$	99,999	$\frac{255,800,001}{256,000,001}$	II	$\frac{127,999,988}{256,000,001}$
31,744	793,600,003	$\frac{149}{992}$	793,599,996	$\frac{843}{992}$	100,000	$\frac{200,000}{251,920,383}$	II	$\frac{151,355,404}{251,920,383}$	99,999	$\frac{50,344,077}{50,384,077}$	II	$\frac{30,271,076}{50,384,077}$
31,488	787,200,003	$\frac{173}{984}$	787,199,996	$\frac{811}{984}$	100,000	$\frac{40,000}{49,574,707}$	II	$\frac{34,863,516}{49,574,707}$	99,999	$\frac{247,673,537}{247,873,537}$	II	$\frac{174,317,556}{247,873,537}$
31,232	780,800,003	$\frac{197}{976}$	780,799,996	$\frac{779}{976}$	100,000	$\frac{40,000}{48,771,891}$	II	$\frac{39,377,308}{48,771,891}$	99,999	$\frac{243,659,457}{243,859,457}$	II	$\frac{196,886,516}{243,859,457}$
30,976	774,400,003	$\frac{221}{968}$	774,399,996	$\frac{747}{968}$	100,000	$\frac{200,000}{239,878,143}$	II	$\frac{219,062,284}{239,878,143}$	99,999	$\frac{47,935,629}{47,975,629}$	II	$\frac{43,812,450}{47,975,629}$
30,720	768,000,003	$\frac{49}{192}$	767,999,996	$\frac{143}{192}$	100,000	$\frac{200,000}{235,929,599}$	II	$\frac{4,915,213}{235,929,599}$	99,999	$\frac{235,729,601}{235,929,601}$	II	$\frac{4,915,187}{235,929,601}$
30,464	761,600,003	$\frac{269}{952}$	761,599,996	$\frac{683}{952}$	100,000	$\frac{200,000}{232,013,823}$	II	$\frac{30,220,301}{232,013,823}$	99,999	$\frac{9,272,553}{9,280,553}$	II	$\frac{1,208,810}{9,280,553}$
30,208	755,200,003	$\frac{293}{944}$	755,199,996	$\frac{651}{944}$	100,000	$\frac{40,000}{45,626,163}$	II	$\frac{11,019,841}{45,626,163}$	99,999	$\frac{227,930,817}{228,130,817}$	II	$\frac{55,099,379}{228,130,817}$
29,952	748,800,003	$\frac{317}{936}$	748,799,996	$\frac{619}{936}$	100,000	$\frac{8,000}{8,971,223}$	II	$\frac{3,182,101}{8,971,223}$	99,999	$\frac{224,080,577}{224,280,577}$	II	$\frac{79,552,499}{224,280,577}$
29,696	742,400,003	$\frac{341}{928}$	742,399,996	$\frac{587}{928}$	100,000	$\frac{200,000}{220,463,103}$	II	$\frac{103,579,661}{220,463,103}$	99,999	$\frac{44,052,621}{44,092,621}$	II	$\frac{20,715,927}{44,092,621}$
29,440	736,000,003	$\frac{73}{184}$	735,999,996	$\frac{111}{184}$	100,000	$\frac{200,000}{216,678,399}$	II	$\frac{127,180,813}{216,678,399}$	99,999	$\frac{216,478,401}{216,678,401}$	II	$\frac{127,180,787}{216,678,401}$
29,184	729,600,003	$\frac{389}{912}$	729,599,996	$\frac{523}{912}$	100,000	$\frac{200,000}{212,926,463}$	II	$\frac{150,355,981}{212,926,463}$	99,999	$\frac{42,545,293}{42,585,293}$	II	$\frac{30,071,191}{42,585,293}$
28,928	723,200,003	$\frac{413}{904}$	723,199,996	$\frac{491}{904}$	100,000	$\frac{40,000}{41,841,459}$	II	$\frac{34,621,033}{41,841,459}$	99,999	$\frac{209,007,297}{209,207,297}$	II	$\frac{173,105,139}{209,207,297}$
28,672	716,800,003	$\frac{437}{896}$	716,799,996	$\frac{459}{896}$	100,000	$\frac{40,000}{41,104,179}$	II	$\frac{39,085,673}{41,104,179}$	99,999	$\frac{205,320,897}{205,520,897}$	II	$\frac{195,428,339}{205,520,897}$
28,416	710,400,003	$\frac{461}{888}$	710,399,996	$\frac{427}{888}$	100,000	$\frac{200,000}{201,867,263}$	II	$\frac{15,458,319}{201,867,263}$	99,999	$\frac{40,333,453}{40,373,453}$	II	$\frac{3,091,658}{40,373,453}$
28,160	704,000,003	$\frac{97}{176}$	703,999,996	$\frac{79}{176}$	100,000	$\frac{200,000}{198,246,399}$	II	$\frac{40,550,414}{198,246,399}$	99,999	$\frac{198,046,401}{198,246,401}$	II	$\frac{40,550,386}{198,246,401}$
27,904	697,600,003	$\frac{509}{872}$	697,599,996	$\frac{363}{872}$	100,000	$\frac{200,000}{194,658,303}$	II	$\frac{65,183,758}{194,658,303}$	99,999	$\frac{38,891,661}{38,931,661}$	II	$\frac{13,036,746}{38,931,661}$
27,648	691,200,003	$\frac{533}{864}$	691,199,996	$\frac{331}{864}$	100,000	$\frac{8,000}{7,644,119}$	II	$\frac{3,574,334}{7,644,119}$	99,999	$\frac{190,902,977}{191,102,977}$	II	$\frac{89,358,322}{191,102,977}$
27,392	684,800,003	$\frac{557}{856}$	684,799,996	$\frac{299}{856}$	100,000	$\frac{40,000}{37,516,083}$	II	$\frac{22,614,838}{37,516,083}$	99,999	$\frac{187,380,417}{187,580,417}$	II	$\frac{113,074,162}{187,580,417}$
27,136	678,400,003	$\frac{581}{848}$	678,399,996	$\frac{267}{848}$	100,000	$\frac{200,000}{184,090,623}$	II	$\frac{136,331,278}{184,090,623}$	99,999	$\frac{58,845}{58,909}$	II	$\frac{43,626}{58,909}$
26,880	672,000,003	$\frac{121}{168}$	671,999,996	$\frac{47}{168}$	100,000	$\frac{200,000}{180,633,599}$	II	$\frac{159,129,614}{180,633,599}$	99,999	$\frac{180,433,601}{180,633,601}$	II	$\frac{59,129,586}{180,633,601}$
26,624	665,600,003	$\frac{629}{832}$	665,599,996	$\frac{203}{832}$	100,000	$\frac{200,000}{177,209,343}$	II	$\frac{4,259,855}{177,209,343}$	99,999	$\frac{35,401,869}{35,441,869}$	II	$\frac{351,965}{35,441,869}$
26,368	659,200,003	$\frac{653}{824}$	659,199,996	$\frac{171}{824}$	100,000	$\frac{40,000}{34,763,571}$	II	$\frac{5,906,435}{34,763,571}$	99,999	$\frac{173,617,857}{173,817,857}$	II	$\frac{29,532,145}{173,817,857}$
26,112	652,800,003	$\frac{677}{816}$	652,799,996	$\frac{139}{816}$	100,000	$\frac{40,000}{34,091,827}$	II	$\frac{10,862,695}{34,091,827}$	99,999	$\frac{170,259,137}{170,459,137}$	II	$\frac{54,312,945}{170,459,137}$
25,856	646,400,003	$\frac{701}{808}$	646,399,996	$\frac{107}{808}$	100,000	$\frac{200,000}{167,133,183}$	II	$\frac{78,602,255}{167,133,183}$	99,999	$\frac{33,386,637}{33,426,637}$	II	$\frac{15,720,445}{33,426,637}$
Numeri primi Bascos.	Hypotenusa	100,000	Perpendicularum	Basis	Hypotenusa	100,000	Perpendicularum	Basis	Hypotenusa	100,000	Perpendicularum	Basis



# LATERVM RATIONALIVM.

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SERIES I.			SERIES II.			SERIES III.					
15	$\frac{102,399,935}{163,840,001}$	99,999	$\frac{163,640,001}{163,840,001}$	15	$\frac{102,400,015}{163,839,999}$	100,000	$\frac{200,000}{163,839,999}$	639,999,996	$\frac{3}{32}$	$\frac{29}{32}$	25,600
15	$\frac{114,114,545}{162,205,697}$	99,999	$\frac{162,005,697}{162,205,697}$	15	$\frac{22,812,915}{32,441,139}$	100,000	$\frac{40,000}{32,441,139}$	636,799,996	$\frac{59}{796}$	$\frac{737}{796}$	25,472
15	$\frac{25,141,245}{32,115,917}$	99,999	$\frac{32,075,917}{32,115,917}$	15	$\frac{125,706,255}{160,579,583}$	100,000	$\frac{200,000}{160,579,583}$	633,599,996	$\frac{43}{792}$	$\frac{749}{792}$	25,344
15	$\frac{27,435,005}{31,792,333}$	99,999	$\frac{31,752,333}{31,792,333}$	15	$\frac{137,175,055}{158,961,663}$	100,000	$\frac{200,000}{158,961,663}$	630,399,996	$\frac{27}{788}$	$\frac{761}{788}$	25,216
15	$\frac{148,520,945}{157,351,937}$	99,999	$\frac{157,151,937}{157,351,937}$	15	$\frac{29,704,195}{31,470,387}$	100,000	$\frac{40,000}{31,470,387}$	627,199,996	$\frac{11}{784}$	$\frac{773}{784}$	25,088
16	$\frac{3,993,584}{155,750,401}$	99,999	$\frac{155,550,401}{155,750,401}$	16	$\frac{3,993,616}{155,750,399}$	100,000	$\frac{200,000}{155,750,399}$	623,999,995	$\frac{155}{156}$	$\frac{1}{156}$	24,960
16	$\frac{16,687,088}{154,157,057}$	99,999	$\frac{153,957,057}{154,157,057}$	16	$\frac{3,337,424}{30,831,411}$	100,000	$\frac{40,000}{30,831,411}$	620,799,995	$\frac{755}{775}$	$\frac{21}{776}$	24,832
16	$\frac{5,849,904}{30,514,381}$	99,999	$\frac{30,474,381}{30,514,381}$	16	$\frac{29,249,552}{152,571,903}$	100,000	$\frac{200,000}{152,571,903}$	617,599,995	$\frac{735}{772}$	$\frac{37}{772}$	24,704
16	$\frac{8,336,176}{30,198,989}$	99,999	$\frac{30,158,989}{30,198,989}$	16	$\frac{41,680,912}{150,994,943}$	100,000	$\frac{200,000}{150,994,943}$	614,399,995	$\frac{715}{768}$	$\frac{53}{768}$	24,576
16	$\frac{53,981,168}{149,426,177}$	99,999	$\frac{149,226,177}{149,426,177}$	16	$\frac{2,159,288}{5,977,047}$	100,000	$\frac{8,000}{5,977,047}$	611,199,995	$\frac{695}{764}$	$\frac{69}{764}$	24,448
16	$\frac{66,150,384}{147,865,601}$	99,999	$\frac{147,665,601}{147,865,601}$	16	$\frac{66,150,416}{147,865,599}$	100,000	$\frac{200,000}{147,865,599}$	607,999,995	$\frac{135}{152}$	$\frac{17}{152}$	24,320
16	$\frac{78,188,528}{146,313,217}$	99,999	$\frac{146,113,217}{146,313,217}$	16	$\frac{15,637,712}{29,262,643}$	100,000	$\frac{200,000}{29,262,643}$	604,799,995	$\frac{655}{756}$	$\frac{101}{756}$	24,192
16	$\frac{3,603,824}{5,790,761}$	99,999	$\frac{5,782,761}{5,790,761}$	16	$\frac{90,095,632}{144,769,023}$	100,000	$\frac{200,000}{144,769,023}$	601,599,995	$\frac{635}{752}$	$\frac{117}{752}$	24,064
16	$\frac{4,074,864}{5,729,321}$	99,999	$\frac{5,721,321}{5,729,321}$	16	$\frac{101,871,632}{143,233,023}$	100,000	$\frac{200,000}{143,233,023}$	598,399,995	$\frac{4,920}{5,984}$	$\frac{1,064}{5,984}$	23,936
16	$\frac{113,516,528}{141,705,217}$	99,999	$\frac{141,505,217}{141,705,217}$	16	$\frac{22,703,312}{28,341,043}$	100,000	$\frac{40,000}{28,341,043}$	595,199,995	$\frac{595}{744}$	$\frac{149}{744}$	23,808
16	$\frac{125,030,384}{140,185,601}$	99,999	$\frac{139,985,601}{140,185,601}$	16	$\frac{125,030,416}{140,185,599}$	100,000	$\frac{200,000}{140,185,599}$	591,999,995	$\frac{115}{148}$	$\frac{33}{148}$	23,680
16	$\frac{136,413,168}{138,674,177}$	99,999	$\frac{138,474,177}{138,674,177}$	16	$\frac{5,456,528}{5,546,967}$	100,000	$\frac{8,000}{5,546,967}$	588,799,995	$\frac{555}{736}$	$\frac{181}{736}$	23,552
17	$\frac{2,082,627}{27,434,189}$	99,999	$\frac{27,394,189}{27,434,189}$	17	$\frac{10,413,169}{137,170,943}$	100,000	$\frac{200,000}{137,170,943}$	585,599,995	$\frac{535}{732}$	$\frac{197}{732}$	23,424
17	$\frac{4,621,923}{27,135,181}$	99,999	$\frac{27,095,181}{27,135,181}$	17	$\frac{23,109,649}{135,675,903}$	100,000	$\frac{200,000}{135,675,903}$	582,399,995	$\frac{515}{728}$	$\frac{213}{728}$	23,296
17	$\frac{35,586,031}{134,189,057}$	99,999	$\frac{133,989,057}{134,189,057}$	17	$\frac{7,117,213}{26,837,811}$	100,000	$\frac{40,000}{26,837,811}$	579,199,995	$\frac{495}{724}$	$\frac{229}{724}$	23,168
17	$\frac{47,923,183}{132,710,401}$	99,999	$\frac{132,510,401}{132,710,401}$	17	$\frac{47,923,217}{132,710,399}$	100,000	$\frac{200,000}{132,710,399}$	575,999,995	$\frac{95}{144}$	$\frac{49}{144}$	23,040
17	$\frac{60,121,071}{131,239,937}$	99,999	$\frac{131,039,937}{131,239,937}$	17	$\frac{12,024,220}{26,247,987}$	100,000	$\frac{40,000}{26,247,987}$	572,799,995	$\frac{455}{716}$	$\frac{261}{716}$	22,912
17	$\frac{14,435,939}{25,955,533}$	99,999	$\frac{25,915,533}{25,955,533}$	17	$\frac{72,179,729}{129,777,663}$	100,000	$\frac{200,000}{129,777,663}$	569,599,995	$\frac{435}{712}$	$\frac{277}{712}$	22,784
17	$\frac{16,819,831}{25,664,717}$	99,999	$\frac{25,584,717}{25,664,717}$	17	$\frac{84,099,089}{128,323,583}$	100,000	$\frac{200,000}{128,323,583}$	566,399,995	$\frac{415}{708}$	$\frac{293}{708}$	22,656
17	$\frac{95,879,151}{126,877,697}$	99,999	$\frac{126,677,697}{126,877,697}$	17	$\frac{19,175,337}{25,375,539}$	100,000	$\frac{40,000}{25,375,539}$	563,199,995	$\frac{395}{704}$	$\frac{309}{704}$	22,528
17	$\frac{107,519,983}{125,440,001}$	99,999	$\frac{125,240,001}{125,440,001}$	17	$\frac{107,520,017}{125,439,999}$	100,000	$\frac{200,000}{125,439,999}$	559,999,995	$\frac{15}{28}$	$\frac{13}{28}$	22,400
17	$\frac{119,021,551}{124,010,497}$	99,999	$\frac{123,810,497}{124,010,497}$	17	$\frac{23,804,317}{24,802,099}$	100,000	$\frac{40,000}{24,802,099}$	556,799,995	$\frac{355}{696}$	$\frac{341}{696}$	22,272
18	$\frac{1,558,934}{24,517,837}$	99,999	$\frac{24,477,837}{24,517,837}$	18	$\frac{7,794,706}{122,589,183}$	100,000	$\frac{200,000}{122,589,183}$	553,599,995	$\frac{335}{692}$	$\frac{357}{692}$	22,144
18	$\frac{4,086,166}{24,235,213}$	99,999	$\frac{24,195,213}{24,235,213}$	18	$\frac{20,430,866}{121,176,063}$	100,000	$\frac{200,000}{121,176,063}$	550,399,995	$\frac{315}{688}$	$\frac{373}{688}$	22,016
18	$\frac{32,919,534}{119,771,137}$	99,999	$\frac{119,571,137}{119,771,137}$	18	$\frac{6,583,914}{23,954,227}$	100,000	$\frac{40,000}{23,954,227}$	547,199,995	$\frac{295}{684}$	$\frac{389}{684}$	21,888
18	$\frac{45,260,782}{118,374,401}$	99,999	$\frac{118,174,401}{118,374,401}$	18	$\frac{45,260,818}{118,374,399}$	100,000	$\frac{200,000}{118,374,399}$	543,999,995	$\frac{55}{136}$	$\frac{81}{136}$	21,760
18	$\frac{57,454,574}{116,985,857}$	99,999	$\frac{116,785,857}{116,985,857}$	18	$\frac{11,490,922}{23,397,171}$	100,000	$\frac{40,000}{23,397,171}$	540,799,995	$\frac{255}{676}$	$\frac{421}{676}$	21,632
Basis Perpendicularum			Basis Hypotenusa			Perpendicularum Hypotenusa			Numeri primi Bases.		
100,000			100,000			100,000					
Hypotenusa			Perpendicularum			Basis					



## CANONION TRIANGVLORVM

	SERIES III.				SERIES II.				SERIES I.			
21,504	537,600,004	$\frac{437}{672}$	537,599,995	$\frac{235}{672}$	100,000	$\frac{200,000}{115,605,503}$	18	$\frac{69,500,946}{115,605,503}$	99,999	$\frac{23,081,101}{23,121,101}$	18	$\frac{13,900,182}{23,121,101}$
21,376	534,400,004	$\frac{453}{668}$	534,399,995	$\frac{215}{668}$	100,000	$\frac{200,000}{114,233,343}$	18	$\frac{81,399,826}{114,233,343}$	99,999	$\frac{22,806,669}{22,846,669}$	18	$\frac{16,279,958}{22,846,669}$
21,248	531,200,004	$\frac{469}{664}$	531,199,995	$\frac{195}{664}$	100,000	$\frac{320}{180,591}$	18	$\frac{149,042}{180,591}$	99,999	$\frac{112,669,377}{112,869,377}$	18	$\frac{93,151,214}{112,869,377}$
21,120	528,000,004	$\frac{97}{132}$	527,999,995	$\frac{35}{132}$	100,000	$\frac{200,000}{111,513,599}$	18	$\frac{104,755,218}{111,513,599}$	99,999	$\frac{111,313,601}{111,513,601}$	18	$\frac{104,755,182}{111,513,601}$
20,992	524,800,004	$\frac{501}{656}$	524,799,995	$\frac{155}{656}$	100,000	$\frac{40,000}{12,033,203}$	19	$\frac{1,209,153}{12,033,203}$	99,999	$\frac{109,966,017}{110,166,017}$	19	$\frac{6,045,677}{110,166,017}$
20,864	521,600,004	$\frac{517}{652}$	521,599,995	$\frac{135}{652}$	100,000	$\frac{200,000}{108,826,623}$	19	$\frac{18,694,163}{108,826,623}$	99,999	$\frac{869,013}{870,613}$	19	$\frac{149,553}{870,613}$
20,736	518,400,004	$\frac{533}{648}$	518,399,995	$\frac{115}{648}$	100,000	$\frac{200,000}{107,495,423}$	19	$\frac{31,186,963}{107,495,423}$	99,999	$\frac{4,291,817}{4,299,817}$	19	$\frac{1,247,477}{4,299,817}$
20,608	515,200,004	$\frac{549}{644}$	515,199,995	$\frac{95}{644}$	100,000	$\frac{40,000}{21,234,483}$	19	$\frac{8,704,823}{21,234,483}$	99,999	$\frac{105,972,417}{106,172,417}$	19	$\frac{43,524,077}{106,172,417}$
20,480	512,000,004	$\frac{113}{128}$	511,999,995	$\frac{15}{128}$	100,000	$\frac{200,000}{104,857,599}$	19	$\frac{55,705,619}{104,857,599}$	99,999	$\frac{104,657,601}{104,857,601}$	19	$\frac{55,705,581}{104,857,601}$
20,352	508,800,004	$\frac{581}{636}$	508,799,995	$\frac{55}{636}$	100,000	$\frac{8,000}{4,142,039}$	19	$\frac{2,709,259}{4,142,039}$	99,999	$\frac{103,350,977}{103,550,977}$	19	$\frac{67,731,437}{103,550,977}$
20,224	505,600,004	$\frac{597}{632}$	505,599,995	$\frac{35}{632}$	100,000	$\frac{200,000}{102,252,543}$	19	$\frac{79,601,683}{102,252,543}$	99,999	$\frac{20,410,509}{20,450,509}$	19	$\frac{15,920,329}{20,450,509}$
20,096	502,400,004	$\frac{613}{628}$	502,399,995	$\frac{15}{628}$	100,000	$\frac{200,000}{100,962,303}$	19	$\frac{91,316,243}{100,962,303}$	99,999	$\frac{20,152,461}{20,192,461}$	19	$\frac{18,263,241}{20,192,461}$
19,968	499,200,005	$\frac{5}{624}$	499,199,994	$\frac{619}{624}$	100,000	$\frac{40,000}{19,936,051}$	20	$\frac{638,980}{19,936,051}$	99,999	$\frac{99,480,257}{99,680,257}$	20	$\frac{3,194,860}{99,680,257}$
19,840	496,000,005	$\frac{5}{124}$	495,999,994	$\frac{119}{124}$	100,000	$\frac{200,000}{98,406,399}$	20	$\frac{15,872,020}{98,406,399}$	99,999	$\frac{98,206,401}{98,406,401}$	20	$\frac{15,871,980}{98,406,401}$
19,712	492,800,005	$\frac{45}{616}$	492,799,994	$\frac{571}{616}$	100,000	$\frac{40,000}{19,428,147}$	20	$\frac{5,677,060}{19,428,147}$	99,999	$\frac{96,940,737}{97,140,737}$	20	$\frac{28,385,260}{97,140,737}$
19,584	489,600,005	$\frac{130}{1,224}$	489,599,994	$\frac{1,094}{1,224}$	100,000	$\frac{200,000}{95,883,263}$	20	$\frac{40,734,740}{95,883,263}$	99,999	$\frac{19,136,653}{19,176,653}$	20	$\frac{8,146,946}{19,176,653}$
19,456	486,400,005	$\frac{85}{608}$	486,399,994	$\frac{523}{608}$	100,000	$\frac{200,000}{94,633,983}$	20	$\frac{5,292,340}{94,633,983}$	99,999	$\frac{18,886,797}{18,926,797}$	20	$\frac{10,584,060}{18,926,797}$
19,328	483,200,005	$\frac{105}{604}$	483,199,994	$\frac{499}{604}$	100,000	$\frac{40,000}{18,678,579}$	20	$\frac{12,988,420}{18,678,579}$	99,999	$\frac{93,192,897}{93,392,897}$	20	$\frac{64,942,060}{93,392,897}$
19,200	480,000,005	$\frac{5}{24}$	479,999,994	$\frac{19}{24}$	100,000	$\frac{200,000}{92,159,999}$	20	$\frac{76,800,020}{92,159,999}$	99,999	$\frac{91,960,001}{92,160,001}$	20	$\frac{76,799,980}{92,160,001}$
19,072	476,800,005	$\frac{145}{596}$	476,799,994	$\frac{451}{596}$	100,000	$\frac{40,000}{18,187,059}$	20	$\frac{17,698,820}{18,187,059}$	99,999	$\frac{90,735,297}{90,935,297}$	20	$\frac{88,494,060}{90,935,297}$
18,944	473,600,005	$\frac{165}{592}$	473,599,994	$\frac{427}{592}$	100,000	$\frac{200,000}{89,718,783}$	21	$\frac{10,305,557}{89,718,783}$	99,999	$\frac{17,903,757}{17,943,757}$	21	$\frac{2,061,103}{17,943,757}$
18,816	470,400,005	$\frac{185}{588}$	470,399,994	$\frac{403}{588}$	100,000	$\frac{200,000}{88,510,463}$	21	$\frac{22,880,277}{88,510,463}$	99,999	$\frac{17,662,093}{17,702,093}$	21	$\frac{4,576,047}{17,702,093}$
18,688	467,200,005	$\frac{205}{584}$	467,199,994	$\frac{379}{584}$	100,000	$\frac{200,000}{17,462,067}$	21	$\frac{7,056,593}{17,462,067}$	99,999	$\frac{87,110,337}{87,310,337}$	21	$\frac{35,282,923}{87,310,337}$
18,560	464,000,005	$\frac{45}{116}$	463,999,994	$\frac{71}{116}$	100,000	$\frac{200,000}{86,118,399}$	21	$\frac{47,513,621}{86,118,399}$	99,999	$\frac{85,918,401}{86,118,401}$	21	$\frac{47,513,579}{86,118,401}$
18,432	460,800,005	$\frac{245}{576}$	460,799,994	$\frac{331}{576}$	100,000	$\frac{40,000}{16,986,931}$	21	$\frac{11,914,449}{16,986,931}$	99,999	$\frac{84,734,657}{84,934,657}$	21	$\frac{59,572,203}{84,934,657}$
18,304	457,600,005	$\frac{265}{572}$	457,599,994	$\frac{307}{572}$	100,000	$\frac{200,000}{83,759,103}$	21	$\frac{71,458,837}{83,759,103}$	99,999	$\frac{16,711,821}{16,751,821}$	21	$\frac{14,291,759}{16,751,821}$
18,176	454,400,005	$\frac{285}{568}$	454,399,994	$\frac{283}{568}$	100,000	$\frac{200,000}{82,591,743}$	22	$\frac{581,654}{82,591,743}$	99,999	$\frac{16,478,349}{16,518,349}$	22	$\frac{116,322}{16,518,349}$
18,048	451,200,005	$\frac{305}{564}$	451,199,994	$\frac{259}{564}$	100,000	$\frac{8,000}{3,257,303}$	22	$\frac{531,334}{3,257,303}$	99,999	$\frac{81,232,577}{81,432,577}$	22	$\frac{13,283,306}{81,432,577}$
17,920	448,000,005	$\frac{65}{112}$	447,999,994	$\frac{47}{112}$	100,000	$\frac{200,000}{80,281,599}$	22	$\frac{25,804,822}{80,281,599}$	99,999	$\frac{80,081,601}{80,281,601}$	22	$\frac{25,804,778}{80,281,601}$
17,792	444,800,005	$\frac{345}{556}$	444,799,994	$\frac{211}{556}$	100,000	$\frac{40,000}{15,827,763}$	22	$\frac{7,629,214}{15,827,763}$	99,999	$\frac{78,938,817}{79,138,817}$	22	$\frac{38,146,026}{79,138,817}$
17,664	441,600,005	$\frac{365}{552}$	441,599,994	$\frac{187}{552}$	100,000	$\frac{200,000}{78,004,223}$	22	$\frac{50,307,094}{78,004,223}$	99,999	$\frac{3,112,169}{3,120,169}$	22	$\frac{2,012,282}{3,120,169}$
17,536	438,400,005	$\frac{385}{548}$	438,399,994	$\frac{163}{548}$	100,000	$\frac{200,000}{76,877,823}$	22	$\frac{62,287,894}{76,877,823}$	99,999	$\frac{3,067,113}{3,075,113}$	22	$\frac{2,491,514}{3,075,113}$
17,408	435,200,005	$\frac{405}{544}$	435,199,994	$\frac{139}{544}$	100,000	$\frac{200,000}{15,151,923}$	22	$\frac{14,817,694}{15,151,923}$	99,999	$\frac{75,559,617}{75,759,617}$	22	$\frac{74,088,426}{75,759,617}$
17,280	432,000,005	$\frac{85}{108}$	431,999,994	$\frac{23}{108}$	100,000	$\frac{200,000}{74,649,599}$	23	$\frac{11,059,223}{74,649,599}$	99,999	$\frac{74,449,601}{74,649,601}$	23	$\frac{11,059,177}{74,649,601}$
Numeri primi Bascos.	Hypotenusa	Perpendiculum	100,000		Hypotenusa	Basis	100,000		Perpendiculum	100,000		Basis
			Basis			Perpendiculum				Hypotenusa		



LATERVM RATIONALIVM.

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SERIES I.				SERIES II.				SERIES III.				
23	23,601,129	99,999	73,347,777	23	944,047	100,000	8,000	428,799,994	91	428,800,005	445	17,152
	73,547,777		73,547,777		2,941,911		2,941,911		536		536	
23	4,126,613	99,999	14,450,829	23	20,633,111	100,000	200,000	425,599,994	67	425,600,005	465	17,024
	14,490,829		14,490,829		72,454,143		72,454,143		532		532	
23	9,623,957	99,999	14,233,741	23	48,119,831	100,000	400,000	422,399,994	43	422,400,005	485	16,896
	14,273,741		14,273,741		71,368,703		71,368,703		528		528	
23	60,096,489	99,999	70,091,457	23	12,019,307	100,000	40,000	419,199,994	19	419,200,005	505	16,768
	70,291,457		70,291,457		14,058,291		14,058,291		524		524	
24	2,662,376	99,999	69,022,401	24	2,662,424	100,000	200,000	415,999,993	103	416,000,006	1	16,640
	69,222,401		69,222,401		69,222,399		69,222,399		104		104	
24	15,323,112	99,999	67,961,537	24	3,064,632	100,000	40,000	412,799,993	437	412,800,006	29	16,512
	68,161,537		68,161,537		13,632,307		13,632,307		516		516	
24	5,557,448	99,999	13,381,773	24	27,787,288	100,000	200,000	409,599,993	459	409,600,006	53	16,384
	13,421,773		13,421,773		67,108,863		67,108,863		512		512	
24	8,010,952	99,999	13,172,877	24	40,054,808	100,000	200,000	406,399,993	431	406,400,006	77	16,256
	13,212,877		13,212,877		66,064,383		66,064,383		508		508	
24	5,212,672	99,999	64,828,097	24	10,425,144	100,000	40,000	403,199,993	403	403,200,006	101	16,128
	65,028,097		65,028,097		13,005,619		13,005,619		504		504	
24	63,999,976	99,999	63,800,001	25	25	100,000	200,000	399,999,993	3	400,000,006	1	16,000
	64,000,001		64,000,001		63,999,999		63,999,999		4		4	
25	12,597,575	99,999	62,780,097	25	2,539,525	100,000	40,000	396,799,993	347	396,800,006	149	15,872
	62,980,097		62,980,097		12,596,019		12,596,019		496		496	
25	5,038,075	99,999	12,353,677	25	25,190,425	100,000	200,000	393,599,993	319	393,600,006	173	15,744
	12,393,677		12,393,677		61,968,383		61,968,383		491		491	
25	7,495,675	99,999	12,152,973	25	37,478,425	100,000	200,000	390,399,993	291	390,400,006	197	15,616
	12,192,973		12,192,973		60,964,863		60,964,863		488		488	
25	49,561,575	99,999	59,769,537	25	9,912,325	100,000	40,000	387,199,993	263	387,200,006	221	15,488
	59,969,537		59,969,537		11,993,907		11,993,907		484		484	
26	2,457,574	99,999	58,782,401	26	2,457,626	100,000	200,000	383,999,993	47	384,000,006	49	15,360
	58,982,401		58,982,401		58,982,399		58,982,399		96		96	
26	15,110,118	99,999	57,803,457	26	3,022,034	100,000	400,000	380,799,993	207	380,800,006	269	15,232
	58,003,457		58,003,457		11,600,691		11,600,691		476		476	
26	5,509,934	99,999	11,366,541	26	27,549,722	100,000	200,000	377,599,993	179	377,600,006	293	15,104
	11,406,541		11,406,541		57,032,703		57,032,703		472		472	
26	7,955,246	99,999	11,174,029	26	39,776,282	100,000	200,000	374,399,993	151	374,400,006	317	14,976
	11,214,029		11,214,029		56,070,143		56,070,143		468		468	
26	51,789,798	99,999	54,915,777	26	2,071,594	100,000	200,000	371,199,993	123	371,200,006	341	14,848
	55,115,777		55,115,777		2,204,631		2,204,631		464		464	
27	9,420,773	99,999	53,969,601	27	9,420,827	100,000	200,000	367,999,993	19	368,000,006	73	14,720
	54,169,601		54,169,601		54,169,599		54,169,599		92		92	
27	21,946,341	99,999	53,031,617	27	4,389,279	100,000	200,000	364,799,993	67	364,800,006	389	14,592
	53,231,617		53,231,617		10,646,323		10,646,323		456		456	
27	1,370,029	99,999	2,084,073	27	34,250,779	100,000	200,000	361,599,993	39	361,600,006	413	14,464
	2,092,073		2,092,073		52,301,823		52,301,823		452		452	
27	1,853,357	99,999	2,047,209	27	46,333,979	100,000	200,000	358,399,993	11	358,400,006	437	14,336
	2,055,209		2,055,209		51,380,223		51,380,223		448		448	
28	7,719,124	99,999	50,266,817	28	1,545,836	100,000	40,000	355,199,993	427	355,200,007	17	14,208
	50,466,817		50,466,817		10,093,363		10,093,363		444		444	
28	20,275,172	99,999	49,361,601	28	20,275,228	100,000	200,000	351,999,992	79	352,000,007	9	14,080
	49,561,601		49,561,601		49,561,599		49,561,599		88		88	
28	32,591,844	99,999	48,464,577	28	1,303,676	100,000	8,000	348,799,992	363	348,800,007	73	13,952
	48,664,577		48,664,577		1,946,583		1,946,583		436		436	
28	8,935,828	99,999	9,555,149	28	44,679,196	100,000	200,000	345,599,992	331	345,600,007	101	13,824
	9,555,149		9,555,149		47,775,743		47,775,743		432		432	
29	1,928,391	99,999	9,339,021	29	9,642,013	100,000	200,000	342,399,992	299	342,400,007	129	13,696
	9,379,021		9,379,021		46,895,103		46,895,103		428		428	
29	22,142,947	99,999	45,822,657	29	4,428,601	100,000	40,000	339,199,992	267	339,200,007	157	13,568
	46,022,657		46,022,657		9,204,531		9,204,531		424		424	
29	34,406,371	99,999	44,958,401	29	34,406,429	100,000	200,000	335,999,992	47	336,000,007	37	13,440
	45,158,401		45,158,401		45,158,399		45,158,399		84		84	
30	2,129,890	99,999	44,102,337	30	425,984	100,000	40,000	332,799,992	203	332,800,007	213	13,312
	44,302,337		44,302,337		8,860,467		8,860,467		416		416	
30	2,953,210	99,999	8,650,893	30	14,766,110	100,000	200,000	329,599,992	171	329,600,007	241	13,084
	8,690,893		8,690,893		43,454,463		43,454,463		412		412	
30	5,431,290	99,999	8,482,957	30	27,156,510	100,000	200,000	326,399,992	139	326,400,007	269	13,056
	8,522,957		8,522,957		42,614,783		42,614,783		408		408	
30	39,301,090	99,999	41,583,297	30	7,860,230	100,000	40,000	323,199,992	107	323,200,007	297	12,928
	41,783,297		41,783,297		8,356,659		8,356,659		404		404	
Basis Perpendicularum				Basis Hypotenusa				Perpendicularum Hypotenusa				
100,000				100,000				100,000				
Hypotenusa				Perpendicularum				Basis				



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
12,800	320,000,007	$\frac{13}{16}$	319,999,992	$\frac{3}{16}$	100,000	$\frac{200,000}{40,959,999}$	31	$\frac{10,240,031}{40,959,999}$	99,999	$\frac{40,760,001}{40,960,001}$	31	$\frac{10,239,969}{40,960,001}$
12,736	318,400,007	$\frac{339}{398}$	318,399,992	$\frac{59}{398}$	100,000	$\frac{200,000}{40,551,423}$	31	$\frac{16,505,887}{40,551,423}$	99,999	$\frac{1,614,057}{1,622,057}$	31	$\frac{660,233}{1,622,057}$
12,672	316,800,007	$\frac{353}{396}$	316,799,992	$\frac{43}{396}$	100,000	$\frac{40,000}{8,028,979}$	31	$\frac{4,541,641}{8,028,979}$	99,999	$\frac{39,944,897}{40,144,897}$	31	$\frac{22,708,193}{40,144,897}$
12,608	315,200,007	$\frac{367}{394}$	315,199,992	$\frac{27}{394}$	100,000	$\frac{40,000}{7,948,083}$	31	$\frac{5,769,427}{7,948,083}$	99,999	$\frac{39,540,417}{39,740,417}$	31	$\frac{28,847,673}{39,740,417}$
12,544	313,600,007	$\frac{381}{392}$	313,599,992	$\frac{11}{392}$	100,000	$\frac{200,000}{39,337,983}$	31	$\frac{34,922,527}{39,337,983}$	99,999	$\frac{7,827,597}{7,867,597}$	31	$\frac{6,984,493}{7,867,597}$
12,480	312,000,008	$\frac{1}{78}$	311,999,991	$\frac{77}{78}$	100,000	$\frac{200,000}{38,937,599}$	32	$\frac{1,996,832}{38,937,599}$	99,999	$\frac{38,737,601}{38,937,601}$	32	$\frac{1,996,768}{38,937,601}$
12,416	310,400,008	$\frac{21}{388}$	310,399,991	$\frac{367}{388}$	100,000	$\frac{200,000}{38,539,263}$	32	$\frac{8,343,584}{38,539,263}$	99,999	$\frac{7,667,853}{7,707,853}$	32	$\frac{1,668,704}{7,707,853}$
12,352	308,800,008	$\frac{37}{386}$	308,799,991	$\frac{349}{386}$	100,000	$\frac{8,000}{1,525,719}$	32	$\frac{584,992}{1,525,719}$	99,999	$\frac{37,942,977}{38,142,977}$	32	$\frac{14,624,736}{38,142,977}$
12,288	307,200,008	$\frac{53}{384}$	307,199,991	$\frac{331}{384}$	100,000	$\frac{40,000}{7,549,747}$	32	$\frac{4,168,096}{7,549,747}$	99,999	$\frac{37,548,737}{37,748,737}$	32	$\frac{20,840,416}{37,748,737}$
12,224	305,600,008	$\frac{69}{382}$	305,599,991	$\frac{113}{382}$	100,000	$\frac{200,000}{37,356,543}$	32	$\frac{26,990,624}{37,356,543}$	99,999	$\frac{7,467,309}{7,471,309}$	32	$\frac{5,398,112}{7,471,309}$
12,160	304,000,008	$\frac{17}{76}$	303,999,991	$\frac{59}{76}$	100,000	$\frac{200,000}{36,966,399}$	32	$\frac{33,075,232}{36,966,399}$	99,999	$\frac{36,766,401}{36,966,401}$	32	$\frac{33,075,168}{36,966,401}$
12,096	302,400,008	$\frac{101}{378}$	302,399,991	$\frac{277}{378}$	100,000	$\frac{200,000}{36,578,303}$	33	$\frac{2,516,001}{36,578,303}$	99,999	$\frac{7,275,661}{7,315,661}$	33	$\frac{503,187}{7,315,661}$
12,032	300,800,008	$\frac{117}{376}$	300,799,991	$\frac{259}{376}$	100,000	$\frac{40,000}{7,238,451}$	33	$\frac{1,771,117}{7,238,451}$	99,999	$\frac{35,992,257}{36,192,257}$	33	$\frac{8,855,519}{36,192,257}$
11,968	299,200,008	$\frac{1,064}{2,992}$	299,199,991	$\frac{1,918}{2,992}$	100,000	$\frac{40,000}{7,161,651}$	33	$\frac{3,025,517}{7,161,651}$	99,999	$\frac{35,608,257}{35,808,257}$	33	$\frac{15,127,519}{35,808,257}$
11,904	297,600,008	$\frac{149}{372}$	297,599,991	$\frac{223}{372}$	100,000	$\frac{200,000}{35,426,303}$	33	$\frac{21,332,001}{35,426,303}$	99,999	$\frac{7,645,261}{7,085,261}$	33	$\frac{4,266,387}{7,085,261}$
11,840	296,000,008	$\frac{33}{74}$	295,999,991	$\frac{41}{74}$	100,000	$\frac{200,000}{35,046,399}$	33	$\frac{27,468,833}{35,046,399}$	99,999	$\frac{34,846,401}{35,046,401}$	33	$\frac{27,468,833}{35,046,401}$
11,776	294,400,008	$\frac{181}{368}$	294,399,991	$\frac{187}{368}$	100,000	$\frac{200,000}{34,668,543}$	33	$\frac{33,538,081}{34,668,543}$	99,999	$\frac{6,893,709}{6,933,709}$	33	$\frac{6,707,603}{6,933,709}$
11,712	292,800,008	$\frac{197}{366}$	292,799,991	$\frac{169}{366}$	100,000	$\frac{40,000}{6,858,547}$	34	$\frac{1,041,322}{6,858,547}$	99,999	$\frac{34,092,737}{34,292,737}$	34	$\frac{5,206,541}{34,292,737}$
11,648	291,200,008	$\frac{213}{364}$	291,199,991	$\frac{151}{364}$	100,000	$\frac{200,000}{1,356,559}$	34	$\frac{462,194}{1,356,559}$	99,999	$\frac{33,717,977}{33,918,977}$	34	$\frac{11,554,782}{33,918,977}$
11,584	289,600,008	$\frac{229}{362}$	289,599,991	$\frac{133}{362}$	100,000	$\frac{200,000}{33,547,263}$	34	$\frac{27,793,958}{33,547,263}$	99,999	$\frac{9,669,453}{6,709,453}$	34	$\frac{3,558,598}{6,709,453}$
11,520	288,000,008	$\frac{49}{72}$	287,999,991	$\frac{23}{72}$	100,000	$\frac{200,000}{33,177,599}$	34	$\frac{23,961,634}{33,177,599}$	99,999	$\frac{32,977,601}{33,177,601}$	34	$\frac{23,961,566}{33,177,601}$
11,456	286,400,008	$\frac{261}{358}$	286,399,991	$\frac{97}{358}$	100,000	$\frac{200,000}{32,809,983}$	34	$\frac{30,060,578}{32,809,983}$	99,999	$\frac{6,521,997}{6,561,997}$	34	$\frac{6,012,102}{6,561,997}$
11,392	284,800,008	$\frac{277}{356}$	284,799,991	$\frac{79}{356}$	100,000	$\frac{40,000}{6,288,883}$	35	$\frac{729,095}{6,288,883}$	99,999	$\frac{32,444,417}{32,444,417}$	35	$\frac{3,645,405}{32,444,417}$
11,328	283,200,008	$\frac{293}{354}$	283,199,991	$\frac{61}{354}$	100,000	$\frac{40,000}{6,416,179}$	35	$\frac{1,993,735}{6,416,179}$	99,999	$\frac{31,830,897}{32,080,897}$	35	$\frac{9,968,605}{32,080,897}$
11,264	281,600,008	$\frac{309}{352}$	281,599,991	$\frac{43}{352}$	100,000	$\frac{200,000}{31,719,423}$	35	$\frac{16,220,195}{31,719,423}$	99,999	$\frac{1,260,777}{1,268,777}$	35	$\frac{648,805}{1,268,777}$
11,200	280,000,008	$\frac{13}{14}$	279,999,991	$\frac{1}{14}$	100,000	$\frac{200,000}{31,359,999}$	35	$\frac{22,400,035}{31,359,999}$	99,999	$\frac{31,160,001}{31,360,001}$	35	$\frac{22,399,965}{31,360,001}$
11,136	278,400,008	$\frac{341}{348}$	278,399,991	$\frac{7}{348}$	100,000	$\frac{200,000}{31,002,623}$	35	$\frac{28,508,195}{31,002,623}$	99,999	$\frac{246,421}{248,021}$	35	$\frac{228,065}{248,021}$
11,072	276,800,009	$\frac{11}{346}$	276,799,990	$\frac{335}{346}$	100,000	$\frac{40,000}{6,129,459}$	36	$\frac{779,476}{6,129,459}$	99,999	$\frac{30,447,297}{30,647,297}$	36	$\frac{3,897,308}{30,647,297}$
11,008	275,200,009	$\frac{29}{344}$	275,199,990	$\frac{315}{344}$	100,000	$\frac{40,000}{6,058,803}$	36	$\frac{2,043,092}{6,058,803}$	99,999	$\frac{30,094,017}{30,294,017}$	36	$\frac{10,215,388}{30,294,017}$
10,944	273,600,009	$\frac{47}{342}$	273,599,990	$\frac{295}{342}$	100,000	$\frac{200,000}{29,942,783}$	36	$\frac{16,459,812}{29,942,783}$	99,999	$\frac{5,948,557}{5,988,557}$	36	$\frac{3,291,958}{5,988,557}$
10,880	272,000,009	$\frac{13}{68}$	271,999,990	$\frac{55}{68}$	100,000	$\frac{200,000}{29,593,599}$	36	$\frac{22,630,436}{29,593,599}$	99,999	$\frac{19,393,601}{29,593,601}$	36	$\frac{22,630,364}{29,593,601}$
10,816	270,400,009	$\frac{166}{676}$	270,399,990	$\frac{510}{676}$	100,000	$\frac{200,000}{29,246,463}$	36	$\frac{28,727,332}{29,246,463}$	99,999	$\frac{5,809,293}{5,849,293}$	36	$\frac{5,745,452}{5,849,293}$
Hypotenusa				Hypotenusa				Perpendiculum				
100,000				100,000				100,000				
Basis				Basis				Hypotenusa				



# LATERVM RATIONALIVM.

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SERIES I.				SERIES II.				SERIES III.				
37	$\frac{5849,051}{28,901,377}$	99,999	$\frac{28,701,377}{28,901,377}$	37	$\frac{233,961}{1,156,055}$	100,000	$\frac{1,600}{231,211}$	268,799,990	$\frac{235}{336}$	268,800,009	$\frac{101}{336}$	10,752
37	$\frac{12,141,531}{28,558,337}$	99,999	$\frac{28,358,337}{28,558,337}$	37	$\frac{2,428,323}{5,711,667}$	100,000	$\frac{200,000}{5,711,667}$	267,199,990	$\frac{215}{334}$	267,200,009	$\frac{119}{334}$	10,688
37	$\frac{3,671,647}{5,643,469}$	99,999	$\frac{5,603,469}{5,643,469}$	37	$\frac{18,358,309}{28,217,343}$	100,000	$\frac{200,000}{28,217,343}$	265,599,990	$\frac{195}{332}$	265,600,009	$\frac{137}{332}$	10,624
37	$\frac{24,499,163}{27,878,401}$	99,999	$\frac{27,678,401}{27,878,401}$	37	$\frac{24,499,237}{27,878,399}$	100,000	$\frac{200,000}{27,878,399}$	263,999,990	$\frac{35}{66}$	264,000,009	$\frac{31}{66}$	10,560
38	$\frac{604,562}{5,508,301}$	99,999	$\frac{5,488,301}{5,508,301}$	38	$\frac{3,022,836}{27,541,503}$	100,000	$\frac{200,000}{27,541,503}$	262,399,990	$\frac{155}{328}$	262,400,009	$\frac{173}{328}$	10,496
38	$\frac{9,347,034}{27,206,657}$	99,999	$\frac{27,006,657}{27,206,657}$	38	$\frac{1,869,422}{5,441,331}$	100,000	$\frac{40,000}{5,441,331}$	260,799,990	$\frac{135}{326}$	260,800,009	$\frac{191}{326}$	10,432
38	$\frac{15,593,434}{26,873,857}$	99,999	$\frac{26,673,857}{26,873,857}$	38	$\frac{3,118,702}{5,374,771}$	100,000	$\frac{40,000}{5,374,771}$	259,199,990	$\frac{115}{324}$	259,200,009	$\frac{209}{324}$	10,368
38	$\frac{4,352,402}{5,308,621}$	99,999	$\frac{5,268,621}{5,308,621}$	38	$\frac{21,762,086}{26,543,103}$	100,000	$\frac{200,000}{26,543,103}$	257,599,990	$\frac{95}{322}$	257,600,009	$\frac{227}{322}$	10,304
39	$\frac{1,638,361}{26,214,401}$	99,999	$\frac{26,014,401}{26,214,401}$	39	$\frac{1,638,439}{26,214,399}$	100,000	$\frac{200,000}{26,214,399}$	255,999,990	$\frac{15}{64}$	256,000,009	$\frac{49}{64}$	10,240
39	$\frac{1,595,589}{5,177,559}$	99,999	$\frac{5,137,559}{5,177,559}$	39	$\frac{7,978,023}{25,887,743}$	100,000	$\frac{200,000}{25,887,743}$	254,399,990	$\frac{55}{318}$	254,400,009	$\frac{263}{318}$	10,176
39	$\frac{14,237,657}{25,563,137}$	99,999	$\frac{25,363,137}{25,563,137}$	39	$\frac{2,847,547}{5,112,617}$	100,000	$\frac{40,000}{5,112,617}$	252,799,990	$\frac{35}{316}$	252,800,009	$\frac{281}{316}$	10,112
39	$\frac{20,417,497}{25,240,577}$	99,999	$\frac{25,040,577}{25,240,577}$	39	$\frac{816,703}{1,009,623}$	100,000	$\frac{8,000}{1,009,623}$	251,199,990	$\frac{15}{314}$	251,200,009	$\frac{299}{314}$	10,048
40	$\frac{319,480}{4,584,013}$	99,999	$\frac{4,544,013}{4,584,013}$	40	$\frac{1,597,480}{24,920,063}$	100,000	$\frac{200,000}{24,920,063}$	249,599,989	$\frac{307}{312}$	249,600,010	$\frac{5}{312}$	9,984
40	$\frac{7,935,960}{24,601,601}$	99,999	$\frac{24,401,601}{24,601,601}$	40	$\frac{7,936,040}{24,601,599}$	100,000	$\frac{200,000}{24,601,599}$	247,999,989	$\frac{57}{62}$	248,000,010	$\frac{5}{62}$	9,920
40	$\frac{2,838,520}{4,857,037}$	99,999	$\frac{4,817,037}{4,857,037}$	40	$\frac{14,192,680}{24,285,183}$	100,000	$\frac{200,000}{24,285,183}$	246,399,989	$\frac{263}{308}$	246,400,010	$\frac{45}{308}$	9,856
40	$\frac{20,367,320}{23,970,817}$	99,999	$\frac{23,770,817}{23,970,817}$	40	$\frac{4,073,480}{4,794,163}$	100,000	$\frac{40,000}{4,794,163}$	244,799,989	$\frac{481}{612}$	244,800,010	$\frac{130}{612}$	9,792
41	$\frac{2,801,623}{23,658,497}$	99,999	$\frac{23,458,497}{23,658,497}$	41	$\frac{560,341}{4,731,699}$	100,000	$\frac{40,000}{4,731,699}$	243,199,989	$\frac{219}{304}$	243,200,010	$\frac{85}{304}$	9,728
41	$\frac{364,911}{933,929}$	99,999	$\frac{925,929}{933,929}$	41	$\frac{9,122,857}{23,348,223}$	100,000	$\frac{200,000}{23,348,223}$	241,599,989	$\frac{197}{302}$	241,600,010	$\frac{105}{302}$	9,664
41	$\frac{15,359,959}{23,040,001}$	99,999	$\frac{22,840,001}{23,040,001}$	41	$\frac{15,360,041}{23,039,999}$	100,000	$\frac{200,000}{23,039,999}$	239,999,989	$\frac{7}{12}$	240,000,010	$\frac{5}{12}$	9,600
41	$\frac{860,527}{909,353}$	99,999	$\frac{901,353}{909,353}$	41	$\frac{21,513,257}{22,733,823}$	100,000	$\frac{200,000}{22,733,823}$	238,399,989	$\frac{153}{298}$	238,400,010	$\frac{145}{298}$	9,536
42	$\frac{5,152,726}{22,429,697}$	99,999	$\frac{22,229,697}{22,429,697}$	42	$\frac{1,030,562}{4,485,939}$	100,000	$\frac{200,000}{4,485,939}$	236,799,989	$\frac{131}{296}$	236,800,010	$\frac{165}{296}$	9,472
42	$\frac{11,440,086}{22,127,617}$	99,999	$\frac{21,927,617}{22,127,617}$	42	$\frac{2,288,034}{4,425,523}$	100,000	$\frac{40,000}{4,425,523}$	235,199,989	$\frac{109}{294}$	235,200,010	$\frac{185}{294}$	9,408
42	$\frac{3,528,286}{4,365,517}$	99,999	$\frac{4,325,517}{4,365,517}$	42	$\frac{17,641,514}{21,827,583}$	100,000	$\frac{200,000}{21,827,583}$	233,599,989	$\frac{87}{292}$	233,600,010	$\frac{205}{292}$	9,344
43	$\frac{2,227,157}{21,529,601}$	99,999	$\frac{21,329,601}{21,529,601}$	43	$\frac{2,227,243}{21,529,599}$	100,000	$\frac{200,000}{21,529,599}$	231,999,989	$\frac{13}{58}$	232,000,010	$\frac{45}{58}$	9,280
43	$\frac{1,710,481}{4,246,723}$	99,999	$\frac{4,206,723}{4,246,723}$	43	$\frac{8,552,491}{21,233,663}$	100,000	$\frac{200,000}{21,233,663}$	230,399,989	$\frac{43}{288}$	230,400,010	$\frac{245}{288}$	9,216
43	$\frac{14,789,589}{20,939,777}$	99,999	$\frac{20,739,777}{20,939,777}$	43	$\frac{591,587}{837,591}$	100,000	$\frac{8,000}{837,591}$	228,799,989	$\frac{21}{286}$	228,800,010	$\frac{265}{286}$	9,152
44	$\frac{290,772}{10,647,937}$	99,999	$\frac{20,447,937}{20,647,937}$	44	$\frac{58,172}{4,129,587}$	100,000	$\frac{40,000}{4,129,587}$	227,199,988	$\frac{283}{284}$	227,200,011	$\frac{1}{284}$	9,088
44	$\frac{1,328,324}{4,071,629}$	99,999	$\frac{4,031,629}{4,071,629}$	44	$\frac{6,641,708}{20,358,143}$	100,000	$\frac{200,000}{20,358,143}$	225,599,988	$\frac{259}{282}$	225,600,011	$\frac{23}{282}$	9,024
44	$\frac{12,902,356}{20,070,401}$	99,999	$\frac{19,870,401}{20,070,401}$	44	$\frac{12,902,444}{20,070,399}$	100,000	$\frac{200,000}{20,070,399}$	223,999,988	$\frac{49}{56}$	224,000,011	$\frac{9}{56}$	8,960
44	$\frac{3,814,596}{3,956,941}$	99,999	$\frac{3,916,941}{3,956,941}$	44	$\frac{19,073,068}{19,784,703}$	100,000	$\frac{200,000}{19,784,703}$	222,399,988	$\frac{211}{278}$	222,400,011	$\frac{67}{278}$	8,896
45	$\frac{5,652,435}{19,501,057}$	99,999	$\frac{19,301,057}{19,501,057}$	45	$\frac{1,130,505}{3,900,211}$	100,000	$\frac{40,000}{3,900,211}$	220,799,988	$\frac{187}{276}$	220,800,011	$\frac{89}{276}$	8,832
45	$\frac{11,924,435}{19,219,457}$	99,999	$\frac{19,019,457}{19,219,457}$	45	$\frac{2,384,905}{3,843,891}$	100,000	$\frac{40,000}{3,843,891}$	219,199,988	$\frac{163}{274}$	219,200,011	$\frac{111}{274}$	8,768
44	$\frac{3,620,855}{3,787,981}$	99,999	$\frac{3,747,981}{3,787,981}$	45	$\frac{18,104,365}{18,939,903}$	100,000	$\frac{200,000}{18,939,903}$	217,599,988	$\frac{139}{272}$	217,600,011	$\frac{133}{272}$	8,704
46	$\frac{5,529,554}{18,662,401}$	99,999	$\frac{18,462,401}{18,662,401}$	46	$\frac{5,529,646}{18,662,399}$	100,000	$\frac{200,000}{18,662,399}$	215,999,988	$\frac{25}{54}$	216,000,011	$\frac{31}{54}$	8,640
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis				Numeri primi Bases.



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
8,576	214,400,011	$\frac{177}{268}$	214,399,988	$\frac{91}{268}$	100,000	$\frac{200,000}{18,386,943}$	46	$\frac{11,800,622}{18,863,943}$	99,999	$\frac{3,637,389}{3,677,389}$	46	$\frac{2,360,106}{3,677,389}$
8,512	212,800,011	$\frac{199}{266}$	212,799,988	$\frac{67}{266}$	100,000	$\frac{40,000}{3,622,707}$	46	$\frac{2,063,318}{3,622,707}$	99,999	$\frac{17,913,537}{18,113,537}$	46	$\frac{10,316,498}{18,113,537}$
8,448	211,200,011	$\frac{221}{264}$	211,199,988	$\frac{43}{264}$	100,000	$\frac{8,000}{713,687}$	47	$\frac{248,711}{713,687}$	99,999	$\frac{17,642,177}{17,842,177}$	47	$\frac{6,217,681}{17,842,177}$
8,384	209,600,011	$\frac{243}{262}$	209,599,988	$\frac{19}{262}$	100,000	$\frac{200,000}{17,572,863}$	47	$\frac{12,475,439}{17,572,863}$	99,999	$\frac{3,474,573}{3,514,573}$	47	$\frac{2,495,069}{3,514,573}$
8,320	208,000,012	$\frac{1}{52}$	207,999,987	$\frac{51}{52}$	100,000	$\frac{200,000}{17,305,601}$	48	$\frac{1,331,248}{17,305,601}$	99,999	$\frac{17,105,601}{17,305,601}$	48	$\frac{1,331,152}{17,305,601}$
8,256	206,400,012	$\frac{29}{258}$	206,399,987	$\frac{229}{258}$	100,000	$\frac{200,000}{17,040,383}$	48	$\frac{7,661,616}{17,040,383}$	99,999	$\frac{3,368,077}{3,408,077}$	48	$\frac{1,532,304}{3,408,077}$
8,192	204,800,012	$\frac{53}{256}$	204,799,987	$\frac{203}{256}$	100,000	$\frac{40,000}{3,355,443}$	48	$\frac{2,778,736}{3,355,443}$	99,999	$\frac{16,577,217}{16,777,217}$	48	$\frac{13,893,584}{16,777,217}$
8,128	203,200,012	$\frac{77}{254}$	203,199,987	$\frac{177}{254}$	100,000	$\frac{40,000}{3,303,219}$	49	$\frac{702,269}{3,303,219}$	99,999	$\frac{16,316,097}{16,516,097}$	49	$\frac{3,511,247}{16,516,097}$
8,064	201,600,012	$\frac{101}{252}$	201,599,987	$\frac{151}{252}$	100,000	$\frac{200,000}{16,257,023}$	49	$\frac{9,805,873}{16,257,023}$	99,999	$\frac{642,281}{650,281}$	49	$\frac{392,231}{650,281}$
8,000	200,000,012	$\frac{1}{2}$	199,999,987	$\frac{1}{2}$	100,000	$\frac{200,000}{15,999,999}$	50	$\frac{50}{15,999,999}$	99,999	$\frac{15,800,001}{16,000,001}$	49	$\frac{15,999,951}{16,000,001}$
7,936	198,400,012	$\frac{149}{248}$	198,399,987	$\frac{99}{248}$	100,000	$\frac{200,000}{15,745,023}$	50	$\frac{6,348,850}{15,745,023}$	99,999	$\frac{623,801}{631,801}$	50	$\frac{253,950}{631,801}$
7,872	196,800,012	$\frac{173}{246}$	196,799,987	$\frac{73}{246}$	100,000	$\frac{40,000}{3,098,419}$	50	$\frac{2,519,050}{3,098,419}$	99,999	$\frac{15,292,097}{15,492,097}$	50	$\frac{12,595,150}{15,492,097}$
7,808	195,200,012	$\frac{197}{244}$	195,199,987	$\frac{47}{244}$	100,000	$\frac{40,000}{3,048,243}$	51	$\frac{699,607}{3,048,243}$	99,999	$\frac{15,041,217}{15,241,217}$	51	$\frac{3,497,933}{15,241,217}$
7,744	193,600,012	$\frac{221}{242}$	193,599,987	$\frac{221}{242}$	100,000	$\frac{200,000}{14,992,383}$	51	$\frac{9,788,467}{14,992,383}$	99,999	$\frac{2,958,477}{2,998,477}$	51	$\frac{1,957,673}{2,998,477}$
7,680	192,000,013	$\frac{1}{48}$	191,999,986	$\frac{47}{48}$	100,000	$\frac{200,000}{14,745,599}$	52	$\frac{1,228,852}{14,745,599}$	99,999	$\frac{14,545,601}{14,745,601}$	52	$\frac{1,228,748}{14,745,601}$
7,616	190,400,013	$\frac{31}{238}$	190,399,986	$\frac{207}{238}$	100,000	$\frac{200,000}{14,500,863}$	52	$\frac{7,555,124}{14,500,863}$	99,999	$\frac{2,860,173}{2,900,173}$	52	$\frac{1,511,004}{2,900,173}$
7,552	188,800,013	$\frac{57}{236}$	188,799,986	$\frac{179}{236}$	100,000	$\frac{8,000}{570,327}$	52	$\frac{550,996}{570,327}$	99,999	$\frac{14,058,177}{14,258,177}$	52	$\frac{13,774,796}{14,258,177}$
7,488	187,200,013	$\frac{83}{234}$	187,199,986	$\frac{151}{234}$	100,000	$\frac{40,000}{2,803,507}$	53	$\frac{1,174,129}{2,803,507}$	99,999	$\frac{13,817,537}{14,017,537}$	53	$\frac{5,870,539}{14,017,537}$
7,424	185,600,013	$\frac{109}{232}$	185,599,986	$\frac{123}{232}$	100,000	$\frac{200,000}{13,778,943}$	53	$\frac{12,116,021}{13,778,943}$	99,999	$\frac{2,715,789}{2,755,789}$	53	$\frac{2,423,183}{2,755,789}$
7,360	184,000,013	$\frac{27}{46}$	183,999,986	$\frac{19}{46}$	100,000	$\frac{200,000}{13,542,399}$	54	$\frac{4,710,454}{13,542,399}$	99,999	$\frac{13,342,401}{13,542,401}$	54	$\frac{4,710,346}{13,542,401}$
7,296	182,400,013	$\frac{161}{228}$	182,399,986	$\frac{67}{228}$	100,000	$\frac{200,000}{13,307,903}$	54	$\frac{10,973,238}{13,307,903}$	99,999	$\frac{2,621,581}{2,661,581}$	54	$\frac{2,194,626}{2,661,581}$
7,232	180,800,013	$\frac{187}{226}$	180,799,986	$\frac{39}{226}$	100,000	$\frac{40,000}{2,615,091}$	55	$\frac{809,995}{2,615,091}$	99,999	$\frac{12,875,457}{13,075,457}$	55	$\frac{4,049,865}{13,075,457}$
7,168	179,200,013	$\frac{213}{224}$	179,199,986	$\frac{11}{224}$	100,000	$\frac{40,000}{2,569,011}$	55	$\frac{2,064,395}{2,569,011}$	99,999	$\frac{12,645,057}{12,845,057}$	55	$\frac{10,321,865}{12,845,057}$
7,104	177,600,014	$\frac{17}{222}$	177,599,985	$\frac{205}{222}$	100,000	$\frac{200,000}{12,616,703}$	56	$\frac{3,864,632}{12,616,703}$	99,999	$\frac{2,483,341}{2,523,341}$	56	$\frac{772,904}{2,523,341}$
7,040	176,000,014	$\frac{9}{44}$	175,999,985	$\frac{35}{44}$	100,000	$\frac{200,000}{12,390,399}$	56	$\frac{10,137,656}{12,390,399}$	99,999	$\frac{12,190,401}{12,390,401}$	56	$\frac{10,137,544}{12,390,401}$
6,976	174,400,014	$\frac{73}{218}$	174,399,985	$\frac{145}{218}$	100,000	$\frac{200,000}{12,166,143}$	57	$\frac{4,129,842}{12,166,143}$	99,999	$\frac{2,393,229}{2,433,229}$	57	$\frac{825,947}{2,433,229}$
6,912	172,800,014	$\frac{101}{216}$	172,799,985	$\frac{115}{216}$	100,000	$\frac{40,000}{2,388,787}$	57	$\frac{2,079,141}{2,388,787}$	99,999	$\frac{11,743,937}{11,943,937}$	57	$\frac{10,395,591}{11,943,937}$
6,848	171,200,014	$\frac{129}{214}$	171,199,985	$\frac{85}{214}$	100,000	$\frac{8,000}{468,951}$	58	$\frac{192,842}{468,951}$	99,999	$\frac{11,523,777}{11,723,777}$	58	$\frac{4,820,934}{11,723,777}$
6,784	169,600,014	$\frac{157}{212}$	169,599,985	$\frac{55}{212}$	100,000	$\frac{200,000}{11,505,663}$	58	$\frac{11,071,546}{11,505,663}$	99,999	$\frac{2,261,133}{2,301,133}$	58	$\frac{2,214,286}{2,301,133}$
6,720	168,000,014	$\frac{37}{42}$	167,999,985	$\frac{5}{42}$	100,000	$\frac{200,000}{11,289,599}$	59	$\frac{5,913,659}{11,289,599}$	99,999	$\frac{11,089,601}{11,289,601}$	59	$\frac{5,913,541}{11,289,601}$
6,656	166,400,015	$\frac{5}{208}$	166,399,984	$\frac{203}{208}$	100,000	$\frac{200,000}{11,075,583}$	60	$\frac{1,065,020}{11,075,583}$	99,999	$\frac{2,175,117}{2,215,117}$	60	$\frac{212,980}{2,215,117}$
6,592	164,800,015	$\frac{35}{206}$	164,799,984	$\frac{171}{206}$	100,000	$\frac{40,000}{2,172,723}$	60	$\frac{1,476,620}{2,172,723}$	99,999	$\frac{10,663,617}{10,863,617}$	60	$\frac{7,382,980}{10,863,617}$
6,528	163,200,015	$\frac{65}{204}$	163,199,984	$\frac{139}{204}$	100,000	$\frac{40,000}{2,130,739}$	61	$\frac{584,921}{2,130,739}$	99,999	$\frac{10,453,697}{10,653,697}$	61	$\frac{2,924,483}{10,653,697}$
6,464	161,600,015	$\frac{95}{202}$	161,599,984	$\frac{107}{202}$	100,000	$\frac{200,000}{10,445,823}$	61	$\frac{9,204,797}{10,445,823}$	99,999	$\frac{409,833}{417,833}$	61	$\frac{368,187}{417,833}$
Numeri pri- mi Bases.	Hypotenusa	Perpendiculum		Hypotenusa		Basis		Perpendiculum		Basis		
	100,000			100,000				100,000				
	Basis			Perpendiculum				Hypotenusa				



# LATERVM RATIONALIVM.

25

SERIES I.				SERIES II.				SERIES III.				
62	$\frac{5,119,938}{10,240,001}$	99,999	$\frac{10,040,001}{10,240,001}$	62	$\frac{5,120,062}{10,239,999}$	100,000	$\frac{100,000}{10,239,999}$	159,999,984	$\frac{3}{8}$	160,000,015	$\frac{5}{8}$	6,400
62	$\frac{8,252,866}{10,137,857}$	99,999	$\frac{9,937,857}{10,137,857}$	62	$\frac{1,650,598}{2,027,571}$	100,000	$\frac{40,000}{2,027,571}$	159,199,984	$\frac{59}{199}$	159,200,015	$\frac{140}{199}$	6,368
63	$\frac{52,713}{401,449}$	99,999	$\frac{393,449}{401,449}$	63	$\frac{1,317,951}{10,036,223}$	100,000	$\frac{200,009}{10,036,223}$	158,399,984	$\frac{43}{198}$	158,400,015	$\frac{155}{198}$	6,336
63	$\frac{897,677}{1,987,021}$	99,999	$\frac{1,947,021}{1,987,021}$	63	$\frac{4,488,511}{9,935,103}$	100,000	$\frac{200,000}{9,935,103}$	157,599,984	$\frac{27}{197}$	157,600,015	$\frac{170}{197}$	6,304
63	$\frac{7,626,685}{9,834,497}$	99,999	$\frac{9,634,497}{9,834,497}$	63	$\frac{1,525,363}{1,966,899}$	100,000	$\frac{40,000}{1,966,899}$	156,799,984	$\frac{11}{196}$	156,800,015	$\frac{185}{196}$	6,272
64	$\frac{998,336}{9,934,401}$	99,999	$\frac{9,734,401}{9,934,401}$	64	$\frac{998,464}{9,934,399}$	100,000	$\frac{200,000}{9,934,399}$	155,999,983	$\frac{38}{39}$	156,000,016	$\frac{1}{39}$	6,240
64	$\frac{4,171,712}{9,634,817}$	99,999	$\frac{9,434,817}{9,634,817}$	64	$\frac{834,368}{1,926,963}$	100,000	$\frac{40,000}{1,926,963}$	155,199,983	$\frac{173}{194}$	155,200,016	$\frac{21}{194}$	6,208
64	$\frac{1,462,464}{1,907,149}$	99,999	$\frac{1,867,149}{1,907,149}$	64	$\frac{7,312,448}{9,535,743}$	100,000	$\frac{200,000}{9,535,743}$	154,399,983	$\frac{156}{193}$	154,400,016	$\frac{37}{193}$	6,176
65	$\frac{196,595}{1,887,437}$	99,999	$\frac{1,847,437}{1,887,437}$	65	$\frac{983,105}{9,437,183}$	100,000	$\frac{200,000}{9,437,183}$	153,599,983	$\frac{139}{192}$	153,600,016	$\frac{53}{192}$	6,144
65	$\frac{4,156,095}{9,339,137}$	99,999	$\frac{9,139,137}{9,339,137}$	65	$\frac{831,245}{1,867,827}$	100,000	$\frac{40,000}{1,867,827}$	152,799,983	$\frac{122}{191}$	152,800,016	$\frac{69}{191}$	6,112
65	$\frac{7,295,935}{9,241,601}$	99,999	$\frac{9,041,601}{9,241,601}$	65	$\frac{7,296,065}{9,241,599}$	100,000	$\frac{200,000}{9,241,599}$	151,999,983	$\frac{21}{38}$	152,000,016	$\frac{17}{38}$	6,080
66	$\frac{1,257,918}{9,144,577}$	99,999	$\frac{8,944,577}{9,144,577}$	66	$\frac{50,322}{365,783}$	100,000	$\frac{8,000}{365,783}$	151,199,983	$\frac{88}{189}$	151,200,016	$\frac{101}{189}$	6,048
66	$\frac{885,542}{1,809,613}$	99,999	$\frac{1,769,613}{1,809,613}$	66	$\frac{4,427,842}{9,048,063}$	100,000	$\frac{200,000}{9,048,063}$	150,399,983	$\frac{71}{188}$	150,400,016	$\frac{117}{188}$	6,016
66	$\frac{1,512,742}{1,790,413}$	99,999	$\frac{1,750,413}{1,790,413}$	66	$\frac{7,563,842}{8,952,063}$	100,000	$\frac{200,000}{8,952,063}$	149,599,983	$\frac{432}{1,496}$	149,600,016	$\frac{1,064}{1,496}$	5,984
67	$\frac{1,809,341}{8,856,577}$	99,999	$\frac{8,656,577}{8,856,577}$	67	$\frac{72,379}{354,263}$	100,000	$\frac{8,000}{354,263}$	148,799,983	$\frac{37}{186}$	148,800,016	$\frac{149}{186}$	5,952
67	$\frac{4,772,733}{8,761,601}$	99,999	$\frac{8,561,601}{8,761,601}$	67	$\frac{4,772,867}{8,761,599}$	100,000	$\frac{200,000}{8,761,599}$	147,999,983	$\frac{4}{37}$	148,000,016	$\frac{33}{37}$	5,920
67	$\frac{8,101,821}{8,667,137}$	99,999	$\frac{8,467,137}{8,667,137}$	67	$\frac{1,620,391}{1,733,427}$	100,000	$\frac{40,000}{1,733,427}$	147,199,983	$\frac{3}{184}$	147,200,016	$\frac{181}{184}$	5,888
68	$\frac{520,644}{1,714,637}$	99,999	$\frac{1,674,637}{1,714,637}$	68	$\frac{2,603,356}{8,573,183}$	100,000	$\frac{200,000}{8,573,183}$	146,399,982	$\frac{169}{183}$	146,400,017	$\frac{14}{183}$	5,856
68	$\frac{1,155,468}{1,695,949}$	99,999	$\frac{1,645,949}{1,695,949}$	68	$\frac{5,777,476}{8,479,743}$	100,000	$\frac{200,000}{8,479,743}$	145,599,982	$\frac{151}{182}$	145,600,017	$\frac{31}{182}$	5,824
69	$\frac{509,627}{8,386,817}$	99,999	$\frac{8,186,817}{8,386,817}$	69	$\frac{101,953}{1,677,363}$	100,000	$\frac{40,000}{1,677,363}$	144,799,982	$\frac{133}{181}$	144,800,017	$\frac{48}{181}$	5,792
69	$\frac{3,686,331}{8,294,401}$	99,999	$\frac{8,094,401}{8,294,401}$	69	$\frac{3,686,469}{8,294,399}$	100,000	$\frac{200,000}{8,294,399}$	143,999,982	$\frac{23}{36}$	144,000,017	$\frac{13}{36}$	5,760
69	$\frac{6,827,707}{8,202,497}$	99,999	$\frac{8,002,497}{8,202,497}$	69	$\frac{1,365,569}{1,640,499}$	100,000	$\frac{40,000}{1,640,499}$	143,199,982	$\frac{97}{179}$	143,200,017	$\frac{82}{179}$	5,628
70	$\frac{364,530}{1,622,221}$	99,999	$\frac{1,582,221}{1,622,221}$	70	$\frac{1,822,790}{8,111,103}$	100,000	$\frac{200,000}{8,111,103}$	142,399,982	$\frac{79}{178}$	142,400,017	$\frac{99}{178}$	5,696
70	$\frac{199,370}{320,809}$	99,999	$\frac{312,809}{320,809}$	70	$\frac{4,984,390}{8,020,223}$	100,000	$\frac{200,000}{8,020,223}$	141,599,982	$\frac{61}{177}$	141,600,017	$\frac{116}{177}$	5,664
71	$\frac{180,153}{7,929,857}$	99,999	$\frac{7,729,857}{7,929,857}$	71	$\frac{36,059}{1,585,971}$	100,000	$\frac{40,000}{1,585,971}$	140,799,982	$\frac{43}{176}$	140,800,017	$\frac{133}{176}$	5,632
71	$\frac{3,359,929}{7,840,001}$	99,999	$\frac{7,640,001}{7,840,001}$	71	$\frac{3,360,071}{7,839,999}$	100,000	$\frac{200,000}{7,839,999}$	139,999,982	$\frac{1}{7}$	140,000,017	$\frac{6}{7}$	5,600
71	$\frac{6,503,253}{7,750,557}$	99,999	$\frac{7,550,557}{7,750,557}$	71	$\frac{1,300,699}{1,550,131}$	100,000	$\frac{200,000}{1,550,131}$	139,199,982	$\frac{7}{174}$	139,200,017	$\frac{167}{174}$	5,568
72	$\frac{77,944}{306,473}$	99,999	$\frac{298,473}{306,473}$	72	$\frac{1,948,744}{7,661,823}$	100,000	$\frac{200,000}{7,661,823}$	138,399,981	$\frac{162}{173}$	138,400,018	$\frac{11}{173}$	5,536
72	$\frac{1,021,528}{1,514,701}$	99,999	$\frac{1,474,701}{1,514,701}$	72	$\frac{5,107,784}{7,573,503}$	100,000	$\frac{200,000}{7,573,503}$	137,599,981	$\frac{143}{172}$	137,600,018	$\frac{29}{172}$	5,504
73	$\frac{744,119}{7,485,697}$	99,999	$\frac{7,285,697}{7,485,697}$	73	$\frac{148,853}{1,497,139}$	100,000	$\frac{40,000}{1,497,139}$	136,799,981	$\frac{124}{171}$	136,800,018	$\frac{47}{171}$	5,472
73	$\frac{3,916,727}{7,398,401}$	99,999	$\frac{7,198,401}{7,398,401}$	73	$\frac{3,916,873}{7,398,399}$	100,000	$\frac{200,000}{7,398,399}$	135,999,981	$\frac{21}{34}$	136,000,018	$\frac{13}{34}$	5,448
73	$\frac{7,051,959}{7,311,617}$	99,999	$\frac{7,111,617}{7,311,617}$	73	$\frac{1,410,421}{1,462,323}$	100,000	$\frac{40,000}{1,462,323}$	135,199,981	$\frac{81}{169}$	135,200,018	$\frac{88}{169}$	5,408
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis				Numeri primi Baseos.



## CANONION TRIANGVLORVM

SERIES III.					SERIES II.					SERIES I.				
5,376	134,400,018	$\frac{101}{168}$	134,399,981	$\frac{67}{168}$	100,000	$\frac{200,000}{7,225,343}$	74	$\frac{2,924,618}{7,225,343}$	99,999	$\frac{1,405,069}{1,445,069}$	74	$\frac{584,894}{1,445,069}$		
5,344	133,600,018	$\frac{119}{167}$	133,599,981	$\frac{48}{167}$	100,000	$\frac{200,000}{7,139,583}$	74	$\frac{6,070,858}{7,139,583}$	99,999	$\frac{1,387,917}{1,427,917}$	74	$\frac{1,214,142}{1,427,917}$		
5,312	132,800,018	$\frac{137}{166}$	132,799,981	$\frac{29}{166}$	100,000	$\frac{40,000}{1,410,867}$	75	$\frac{424,975}{1,410,867}$	99,999	$\frac{6,854,337}{7,054,337}$	75	$\frac{2,124,725}{7,054,337}$		
5,288	132,000,018	$\frac{31}{33}$	131,999,981	$\frac{2}{33}$	100,000	$\frac{200,000}{6,969,595}$	75	$\frac{5,280,075}{6,969,595}$	99,999	$\frac{6,769,601}{6,969,601}$	75	$\frac{5,279,925}{6,969,601}$		
5,248	131,200,019	$\frac{9}{164}$	131,199,980	$\frac{155}{164}$	100,000	$\frac{1,600}{55,083}$	76	$\frac{12,092}{55,083}$	99,999	$\frac{6,685,377}{6,885,377}$	76	$\frac{1,511,348}{6,885,377}$		
5,216	130,400,019	$\frac{28}{163}$	130,399,980	$\frac{135}{163}$	100,000	$\frac{200,000}{6,801,663}$	76	$\frac{4,673,612}{6,801,663}$	99,999	$\frac{1,320,333}{1,360,333}$	76	$\frac{934,692}{1,360,333}$		
5,184	129,600,019	$\frac{47}{162}$	129,599,980	$\frac{115}{162}$	100,000	$\frac{200,000}{6,718,463}$	77	$\frac{1,078,349}{6,718,463}$	99,999	$\frac{1,303,693}{1,343,693}$	77	$\frac{215,639}{1,343,693}$		
5,152	128,800,019	$\frac{66}{161}$	128,799,980	$\frac{95}{161}$	100,000	$\frac{8,000}{265,431}$	77	$\frac{169,809}{265,431}$	99,999	$\frac{6,435,777}{6,635,777}$	77	$\frac{4,245,171}{6,635,777}$		
5,120	128,000,019	$\frac{17}{32}$	127,999,980	$\frac{15}{32}$	100,000	$\frac{200,000}{6,553,599}$	78	$\frac{819,278}{6,553,599}$	99,999	$\frac{6,353,601}{6,553,601}$	78	$\frac{819,122}{6,553,601}$		
5,088	127,200,019	$\frac{104}{159}$	127,199,980	$\frac{55}{159}$	100,000	$\frac{40,000}{1,294,387}$	78	$\frac{797,814}{1,294,387}$	99,999	$\frac{6,271,937}{6,471,937}$	78	$\frac{3,988,914}{6,471,937}$		
5,056	126,400,019	$\frac{123}{158}$	126,399,980	$\frac{35}{158}$	100,000	$\frac{200,000}{6,390,783}$	79	$\frac{728,143}{6,390,783}$	99,999	$\frac{1,238,157}{1,278,157}$	79	$\frac{145,597}{1,278,157}$		
5,024	125,600,019	$\frac{142}{157}$	125,599,980	$\frac{15}{157}$	100,000	$\frac{200,000}{6,310,143}$	79	$\frac{3,898,703}{6,310,143}$	99,999	$\frac{1,222,029}{1,262,029}$	79	$\frac{779,709}{1,262,029}$		
4,992	124,800,020	$\frac{5}{156}$	124,799,979	$\frac{151}{156}$	100,000	$\frac{40,000}{1,246,003}$	80	$\frac{159,760}{1,246,003}$	99,999	$\frac{6,030,017}{6,230,017}$	80	$\frac{798,640}{6,230,017}$		
4,960	124,000,020	$\frac{5}{31}$	123,999,979	$\frac{26}{31}$	100,000	$\frac{200,000}{6,150,399}$	80	$\frac{3,968,080}{6,150,399}$	99,999	$\frac{5,950,401}{6,150,401}$	80	$\frac{3,967,920}{6,150,401}$		
4,928	123,200,020	$\frac{45}{154}$	123,199,979	$\frac{109}{154}$	100,000	$\frac{40,000}{1,214,259}$	81	$\frac{205,021}{1,214,259}$	99,999	$\frac{5,871,297}{6,071,297}$	81	$\frac{1,024,943}{6,071,297}$		
4,896	122,400,020	$\frac{130}{106}$	122,399,979	$\frac{176}{106}$	100,000	$\frac{200,000}{5,992,703}$	81	$\frac{4,188,057}{5,992,703}$	99,999	$\frac{1,158,541}{1,198,541}$	81	$\frac{837,579}{1,198,541}$		
4,864	121,600,020	$\frac{85}{152}$	121,599,979	$\frac{67}{152}$	100,000	$\frac{200,000}{5,914,623}$	82	$\frac{1,400,614}{5,914,623}$	99,999	$\frac{45,717}{47,317}$	82	$\frac{11,206}{47,317}$		
4,832	120,800,020	$\frac{105}{151}$	120,799,979	$\frac{46}{151}$	100,000	$\frac{40,000}{1,167,411}$	82	$\frac{912,298}{1,167,411}$	99,999	$\frac{5,637,057}{5,837,057}$	82	$\frac{4,561,326}{5,837,057}$		
4,800	120,000,020	$\frac{5}{6}$	119,999,979	$\frac{1}{6}$	100,000	$\frac{200,000}{5,759,999}$	83	$\frac{1,920,083}{5,759,999}$	99,999	$\frac{5,560,001}{5,760,001}$	83	$\frac{1,919,917}{5,760,001}$		
4,768	119,200,020	$\frac{145}{149}$	119,199,979	$\frac{4}{149}$	100,000	$\frac{40,000}{1,136,691}$	83	$\frac{1,014,647}{1,136,691}$	99,999	$\frac{5,483,457}{5,683,457}$	83	$\frac{5,073,069}{5,683,457}$		
4,736	118,400,021	$\frac{17}{148}$	118,399,978	$\frac{131}{148}$	100,000	$\frac{200,000}{5,607,423}$	84	$\frac{2,576,468}{5,607,423}$	99,999	$\frac{216,297}{224,297}$	84	$\frac{103,052}{224,297}$		
4,704	117,600,021	$\frac{38}{147}$	117,599,978	$\frac{109}{147}$	100,000	$\frac{200,000}{5,531,903}$	85	$\frac{188,245}{5,531,903}$	99,999	$\frac{1,066,381}{1,106,381}$	85	$\frac{37,715}{1,106,381}$		
4,672	116,800,021	$\frac{59}{146}$	116,799,978	$\frac{87}{146}$	100,000	$\frac{40,000}{1,091,379}$	85	$\frac{672,785}{1,091,379}$	99,999	$\frac{5,256,897}{5,456,897}$	85	$\frac{3,363,755}{5,456,897}$		
4,640	116,000,021	$\frac{16}{29}$	115,999,978	$\frac{13}{29}$	100,000	$\frac{200,000}{5,382,399}$	86	$\frac{1,113,686}{5,382,399}$	99,999	$\frac{5,182,401}{5,382,401}$	86	$\frac{1,113,514}{5,382,401}$		
4,608	115,200,021	$\frac{101}{144}$	115,199,978	$\frac{43}{144}$	100,000	$\frac{40,000}{1,061,683}$	86	$\frac{855,262}{1,061,683}$	99,999	$\frac{5,108,417}{5,308,417}$	86	$\frac{4,276,138}{5,308,417}$		
4,576	114,400,021	$\frac{122}{143}$	114,399,978	$\frac{21}{143}$	100,000	$\frac{200,000}{5,234,943}$	87	$\frac{2,159,959}{5,234,943}$	99,999	$\frac{1,006,989}{1,046,989}$	87	$\frac{4,31,957}{1,046,989}$		
4,544	113,600,022	$\frac{1}{142}$	113,599,977	$\frac{141}{142}$	100,000	$\frac{200,000}{5,161,983}$	88	$\frac{145,496}{5,161,983}$	99,999	$\frac{992,397}{1,032,397}$	88	$\frac{29,064}{1,032,397}$		
4,512	112,800,022	$\frac{23}{141}$	112,799,977	$\frac{118}{141}$	100,000	$\frac{40,000}{1,017,907}$	88	$\frac{664,184}{1,017,907}$	99,999	$\frac{4,889,537}{5,089,537}$	88	$\frac{3,320,744}{5,089,537}$		
4,480	112,000,022	$\frac{9}{28}$	111,999,977	$\frac{19}{28}$	100,000	$\frac{200,000}{5,017,599}$	89	$\frac{1,433,689}{5,017,599}$	99,999	$\frac{4,817,601}{5,017,601}$	89	$\frac{1,433,511}{5,017,601}$		
4,448	111,200,022	$\frac{67}{139}$	111,199,977	$\frac{71}{139}$	100,000	$\frac{8,000}{197,847}$	89	$\frac{183,617}{197,847}$	99,999	$\frac{4,746,177}{4,946,177}$	89	$\frac{4,590,247}{4,946,177}$		
4,416	110,400,022	$\frac{89}{138}$	110,399,977	$\frac{49}{138}$	100,000	$\frac{200,000}{4,875,263}$	90	$\frac{2,826,330}{4,875,263}$	99,999	$\frac{935,053}{975,053}$	90	$\frac{565,230}{975,053}$		
4,384	109,600,022	$\frac{111}{137}$	109,599,977	$\frac{26}{137}$	100,000	$\frac{200,000}{4,804,863}$	91	$\frac{1,157,457}{4,804,863}$	99,999	$\frac{920,973}{960,973}$	91	$\frac{231,457}{960,973}$		
4,352	108,800,022	$\frac{133}{136}$	108,799,977	$\frac{3}{136}$	100,000	$\frac{8,000}{189,399}$	91	$\frac{172,291}{189,399}$	99,999	$\frac{4,534,977}{4,734,977}$	91	$\frac{4,307,093}{4,734,977}$		
4,320	108,000,023	$\frac{4}{27}$	107,999,976	$\frac{23}{27}$	100,000	$\frac{200,000}{4,665,601}$	92	$\frac{2,764,892}{4,665,601}$	99,999	$\frac{4,465,601}{4,665,601}$	92	$\frac{2,764,708}{4,665,601}$		
Numeri primi Bases	Hypotenusa	Perpendicularum			Hypotenusa	Basis			Perpendicularum	Basis				
	100,000				100,000				100,000					
	Basis				Perpendicularum.				Hypotenusa					



# LATERVM RATION ALIVM.

27

SERIES I.				SERIES II.				SERIES III.				
93	$\frac{1403,459}{4,596,737}$	99,999	$\frac{4,396,737}{4,596,737}$	93	$\frac{260,729}{919,347}$	100,000	$\frac{40,000}{919,347}$	107,199,976	$\frac{91}{134}$	107,200,023	$\frac{43}{134}$	4,288
93	$\frac{892,039}{905,677}$	99,999	$\frac{865,677}{905,677}$	93	$\frac{4,460,381}{4,528,383}$	100,000	$\frac{200,000}{4,528,383}$	106,399,976	$\frac{67}{133}$	106,400,023	$\frac{66}{133}$	4,256
94	$\frac{621,754}{892,109}$	99,999	$\frac{852,109}{892,109}$	94	$\frac{3,108,958}{4,460,543}$	100,000	$\frac{200,000}{4,460,543}$	105,599,976	$\frac{43}{132}$	105,600,023	$\frac{89}{132}$	4,224
95	$\frac{1,844,385}{4,393,217}$	99,999	$\frac{4,193,217}{4,393,217}$	95	$\frac{368,915}{878,643}$	100,000	$\frac{40,000}{878,643}$	104,799,976	$\frac{19}{131}$	104,800,023	$\frac{112}{131}$	4,192
96	$\frac{665,604}{4,526,401}$	99,999	$\frac{4,126,401}{4,526,401}$	96	$\frac{665,696}{4,326,399}$	100,000	$\frac{200,000}{4,326,399}$	103,999,975	$\frac{25}{26}$	104,000,024	$\frac{1}{26}$	4,160
96	$\frac{3,830,688}{4,260,097}$	99,999	$\frac{4,060,097}{4,260,097}$	96	$\frac{766,176}{852,019}$	100,000	$\frac{40,000}{852,019}$	103,199,975	$\frac{100}{129}$	103,200,024	$\frac{29}{129}$	4,128
97	$\frac{550,483}{838,861}$	99,999	$\frac{798,861}{838,861}$	97	$\frac{2,752,609}{4,194,303}$	100,000	$\frac{200,000}{4,194,303}$	102,399,975	$\frac{75}{128}$	102,400,024	$\frac{53}{128}$	4,096
98	$\frac{70,222}{165,161}$	99,999	$\frac{157,161}{165,161}$	98	$\frac{1,755,746}{4,129,023}$	100,000	$\frac{200,000}{4,129,023}$	101,599,975	$\frac{50}{127}$	101,600,024	$\frac{77}{127}$	4,064
99	$\frac{838,557}{4,064,257}$	99,999	$\frac{3,864,257}{4,064,257}$	99	$\frac{167,751}{812,851}$	100,000	$\frac{40,000}{812,851}$	100,799,975	$\frac{25}{126}$	100,800,024	$\frac{101}{126}$	4,032
99	$\frac{3,999,901}{4,000,001}$	99,999	$\frac{3,800,001}{4,000,001}$	100	$\frac{100}{3,999,999}$	100,000	$\frac{200,000}{3,999,999}$	99,999,975		100,000,025		4,000
100	$\frac{3,174,300}{3,936,257}$	99,999	$\frac{3,736,257}{3,936,257}$	100	$\frac{634,900}{787,251}$	100,000	$\frac{40,000}{787,251}$	99,199,974	$\frac{99}{124}$	99,200,025	$\frac{25}{124}$	3,968
101	$\frac{96,979}{154,921}$	99,999	$\frac{146,921}{154,921}$	101	$\frac{2,424,677}{3,873,023}$	100,000	$\frac{200,000}{3,873,023}$	98,399,974	$\frac{73}{123}$	98,400,025	$\frac{50}{123}$	3,936
102	$\frac{349,778}{762,061}$	99,999	$\frac{722,061}{762,061}$	102	$\frac{1,749,094}{3,810,303}$	100,000	$\frac{200,000}{3,810,303}$	97,599,974	$\frac{47}{122}$	97,600,025	$\frac{75}{122}$	3,904
103	$\frac{1,146,009}{3,748,097}$	99,999	$\frac{3,548,097}{3,748,097}$	103	$\frac{229,243}{749,619}$	100,000	$\frac{40,000}{749,619}$	96,799,974	$\frac{21}{121}$	96,800,025	$\frac{100}{121}$	3,872
104	$\frac{614,296}{3,686,401}$	99,999	$\frac{3,486,401}{3,686,401}$	104	$\frac{614,504}{3,686,399}$	100,000	$\frac{200,000}{3,686,399}$	95,999,974	$\frac{23}{24}$	96,000,026	$\frac{1}{24}$	3,840
105	$\frac{152,215}{3,625,217}$	99,999	$\frac{3,425,217}{3,625,217}$	105	$\frac{30,485}{725,043}$	100,000	$\frac{40,000}{725,043}$	95,199,973	$\frac{88}{119}$	95,200,026	$\frac{31}{119}$	3,808
105	$\frac{664,555}{712,909}$	99,999	$\frac{672,909}{712,909}$	105	$\frac{3,322,985}{3,564,543}$	100,000	$\frac{200,000}{3,564,543}$	94,399,973	$\frac{61}{118}$	94,400,026	$\frac{57}{118}$	3,776
106	$\frac{587,038}{700,877}$	99,999	$\frac{660,877}{700,877}$	106	$\frac{2,935,402}{3,504,383}$	100,000	$\frac{200,000}{3,504,383}$	93,599,973	$\frac{34}{117}$	93,600,026	$\frac{83}{117}$	3,744
107	$\frac{2,613,141}{3,444,737}$	99,999	$\frac{3,244,737}{3,444,737}$	107	$\frac{522,671}{688,947}$	100,000	$\frac{40,000}{688,947}$	92,799,973	$\frac{7}{116}$	92,800,026	$\frac{109}{116}$	3,712
108	$\frac{2,355,192}{3,385,601}$	99,999	$\frac{3,185,601}{3,385,601}$	108	$\frac{2,355,308}{3,385,599}$	100,000	$\frac{200,000}{3,385,599}$	91,999,972	$\frac{19}{23}$	92,000,027	$\frac{4}{23}$	3,680
109	$\frac{2,159,507}{3,326,977}$	99,999	$\frac{3,126,977}{3,326,977}$	109	$\frac{86,389}{133,079}$	100,000	$\frac{8,000}{133,079}$	91,199,972	$\frac{67}{114}$	91,200,027	$\frac{47}{114}$	3,648
110	$\frac{404,970}{653,773}$	99,999	$\frac{613,773}{653,773}$	110	$\frac{2,025,070}{3,268,863}$	100,000	$\frac{200,000}{3,268,863}$	90,399,972	$\frac{39}{113}$	90,400,027	$\frac{74}{113}$	3,616
111	$\frac{389,917}{642,253}$	99,999	$\frac{602,253}{642,253}$	111	$\frac{1,949,807}{3,211,263}$	100,000	$\frac{200,000}{3,211,263}$	89,599,972	$\frac{11}{112}$	89,600,027	$\frac{101}{112}$	3,584
112	$\frac{1,932,176}{3,154,177}$	99,999	$\frac{2,954,177}{3,154,177}$	112	$\frac{77,296}{126,167}$	100,000	$\frac{8,000}{126,167}$	88,799,971	$\frac{94}{111}$	88,800,028	$\frac{17}{111}$	3,552
113	$\frac{1,310,287}{3,097,601}$	99,999	$\frac{2,897,601}{3,097,601}$	113	$\frac{1,310,513}{3,097,599}$	100,000	$\frac{200,000}{3,097,599}$	87,999,971	$\frac{13}{22}$	88,000,028	$\frac{9}{22}$	3,520
114	$\frac{2,064,782}{3,041,537}$	99,999	$\frac{2,841,537}{3,041,537}$	114	$\frac{413,002}{608,307}$	100,000	$\frac{40,000}{608,307}$	87,199,971	$\frac{36}{109}$	87,200,028	$\frac{73}{109}$	3,488
115	$\frac{442,345}{597,197}$	99,999	$\frac{557,197}{597,197}$	115	$\frac{2,211,955}{2,985,983}$	100,000	$\frac{200,000}{2,985,983}$	86,399,971	$\frac{7}{108}$	86,400,028	$\frac{101}{108}$	3,456
116	$\frac{482,076}{586,189}$	99,999	$\frac{546,189}{586,189}$	116	$\frac{2,410,612}{2,930,943}$	100,000	$\frac{200,000}{2,930,943}$	85,599,970	$\frac{85}{107}$	85,600,029	$\frac{22}{107}$	3,424
117	$\frac{2,659,211}{2,876,417}$	99,999	$\frac{2,676,417}{2,876,417}$	117	$\frac{531,889}{575,283}$	100,000	$\frac{40,000}{575,283}$	84,799,970	$\frac{55}{106}$	84,800,029	$\frac{51}{106}$	3,392
119	$\frac{1,342,281}{2,822,401}$	99,999	$\frac{2,622,401}{2,822,401}$	119	$\frac{134,519}{2,822,399}$	100,000	$\frac{200,000}{2,822,399}$	83,999,970	$\frac{5}{21}$	84,000,029	$\frac{16}{21}$	3,360
120	$\frac{532,360}{2,768,897}$	99,999	$\frac{2,568,897}{2,768,897}$	120	$\frac{106,520}{553,779}$	100,000	$\frac{40,000}{553,779}$	83,199,969	$\frac{99}{104}$	83,200,030	$\frac{5}{104}$	3,328
121	$\frac{195,099}{543,181}$	99,999	$\frac{503,181}{543,181}$	121	$\frac{975,737}{2,715,903}$	100,000	$\frac{200,000}{2,715,903}$	82,399,969	$\frac{68}{103}$	82,400,030	$\frac{35}{103}$	3,296
122	$\frac{58,486}{106,537}$	99,999	$\frac{98,537}{106,537}$	122	$\frac{1,462,394}{2,663,423}$	100,000	$\frac{200,000}{2,663,423}$	81,599,969	$\frac{37}{102}$	81,600,030	$\frac{65}{102}$	3,264
123	$\frac{1,990,789}{2,611,457}$	99,999	$\frac{2,411,457}{2,611,457}$	123	$\frac{398,207}{522,291}$	100,000	$\frac{40,000}{522,291}$	80,799,969	$\frac{6}{101}$	80,800,030	$\frac{95}{101}$	3,232
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis				Numeri pti. mi Bascos-



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
3,200	80,000,031	$\frac{1}{4}$	79,999,968	$\frac{3}{4}$	100,000	$\frac{200,000}{2,559,999}$	125	$\frac{125}{2,559,999}$	99,999	$\frac{2,360,001}{2,560,001}$	124	$\frac{2,559,876}{2,560,001}$
3,184	79,600,031	$\frac{81}{199}$	79,599,968	$\frac{118}{199}$	100,000	$\frac{200,000}{2,534,463}$	125	$\frac{1,592,125}{2,534,463}$	99,999	$\frac{466,893}{506,893}$	125	$\frac{318,375}{506,893}$
3,168	79,200,031	$\frac{56}{99}$	79,199,968	$\frac{43}{99}$	100,000	$\frac{40,000}{501,811}$	126	$\frac{131,814}{501,811}$	99,999	$\frac{2,309,057}{2,509,057}$	126	$\frac{658,818}{2,509,057}$
3,152	78,800,031	$\frac{143}{197}$	78,799,968	$\frac{54}{197}$	100,000	$\frac{8,000}{99,351}$	126	$\frac{89,774}{99,351}$	99,999	$\frac{2,283,777}{2,483,777}$	126	$\frac{2,244,098}{2,483,777}$
3,136	78,400,031	$\frac{87}{98}$	78,399,968	$\frac{11}{98}$	100,000	$\frac{200,000}{2,458,623}$	127	$\frac{1,354,877}{2,458,623}$	99,999	$\frac{18,069}{19,669}$	127	$\frac{10,837}{19,669}$
3,120	78,000,032	$\frac{2}{39}$	77,999,967	$\frac{37}{39}$	100,000	$\frac{200,000}{2,433,599}$	128	$\frac{499,328}{2,433,599}$	99,999	$\frac{2,233,601}{2,433,601}$	128	$\frac{499,072}{2,433,601}$
3,104	77,600,032	$\frac{21}{97}$	77,599,967	$\frac{76}{97}$	100,000	$\frac{200,000}{2,408,703}$	128	$\frac{2,086,016}{2,408,703}$	99,999	$\frac{441,741}{481,741}$	128	$\frac{417,151}{481,741}$
3,088	77,200,032	$\frac{74}{193}$	77,199,967	$\frac{119}{193}$	100,000	$\frac{40,000}{476,787}$	129	$\frac{254,477}{476,787}$	99,999	$\frac{2,183,937}{2,383,937}$	129	$\frac{1,272,127}{2,383,937}$
3,072	76,800,032	$\frac{53}{96}$	76,799,967	$\frac{43}{96}$	100,000	$\frac{40,000}{471,859}$	130	$\frac{98,330}{471,859}$	99,999	$\frac{2,159,297}{2,359,297}$	130	$\frac{491,390}{2,359,297}$
3,056	76,400,032	$\frac{138}{191}$	76,399,967	$\frac{53}{191}$	100,000	$\frac{200,000}{2,334,783}$	130	$\frac{2,078,210}{2,334,783}$	99,999	$\frac{426,957}{466,957}$	130	$\frac{415,590}{466,957}$
3,040	76,000,032	$\frac{17}{19}$	75,999,967	$\frac{2}{19}$	100,000	$\frac{200,000}{2,310,399}$	131	$\frac{1,337,731}{2,310,399}$	99,999	$\frac{2,110,401}{2,310,401}$	131	$\frac{1,337,465}{2,310,401}$
3,024	75,600,033	$\frac{13}{189}$	75,599,966	$\frac{176}{189}$	100,000	$\frac{200,000}{2,286,143}$	132	$\frac{629,124}{2,286,143}$	99,999	$\frac{417,229}{457,229}$	132	$\frac{125,772}{457,229}$
3,008	75,200,033	$\frac{23}{94}$	75,199,966	$\frac{71}{94}$	100,000	$\frac{40,000}{452,403}$	132	$\frac{442,804}{452,403}$	99,999	$\frac{2,062,017}{2,262,017}$	132	$\frac{2,213,756}{2,262,017}$
2,992	74,800,033	$\frac{316}{748}$	74,799,966	$\frac{432}{748}$	100,000	$\frac{40,000}{447,603}$	133	$\frac{308,901}{447,603}$	99,999	$\frac{2,038,017}{2,238,017}$	133	$\frac{1,543,735}{2,238,017}$
2,976	74,400,033	$\frac{56}{93}$	74,399,966	$\frac{37}{93}$	100,000	$\frac{200,000}{2,214,143}$	134	$\frac{904,838}{2,214,143}$	99,999	$\frac{402,829}{442,829}$	134	$\frac{180,914}{442,829}$
2,960	74,000,033	$\frac{29}{37}$	73,999,966	$\frac{8}{37}$	100,000	$\frac{200,000}{2,190,399}$	135	$\frac{296,135}{2,190,399}$	99,999	$\frac{1,990,401}{2,190,401}$	135	$\frac{295,865}{2,190,401}$
2,944	73,600,033	$\frac{89}{92}$	73,599,966	$\frac{3}{92}$	100,000	$\frac{200,000}{2,166,785}$	135	$\frac{1,884,295}{2,166,785}$	99,999	$\frac{393,357}{433,357}$	135	$\frac{376,805}{433,357}$
2,928	73,200,034	$\frac{28}{183}$	73,199,965	$\frac{155}{183}$	100,000	$\frac{40,000}{428,659}$	136	$\frac{260,356}{428,659}$	99,999	$\frac{1,943,297}{2,143,297}$	136	$\frac{1,301,508}{2,143,297}$
2,912	72,800,034	$\frac{31}{91}$	72,799,965	$\frac{60}{91}$	100,000	$\frac{40,000}{423,987}$	137	$\frac{153,680}{423,987}$	99,999	$\frac{1,919,937}{2,119,937}$	137	$\frac{768,631}{2,119,937}$
2,896	72,400,034	$\frac{96}{181}$	72,399,965	$\frac{85}{181}$	100,000	$\frac{200,000}{2,096,703}$	138	$\frac{254,986}{2,096,703}$	99,999	$\frac{379,341}{419,341}$	138	$\frac{50,942}{419,341}$
2,880	72,000,034	$\frac{13}{18}$	71,999,965	$\frac{5}{18}$	100,000	$\frac{200,000}{2,073,599}$	138	$\frac{1,843,338}{2,073,599}$	99,999	$\frac{1,873,601}{2,073,601}$	138	$\frac{1,843,061}{2,073,601}$
2,864	71,600,034	$\frac{164}{179}$	71,599,965	$\frac{15}{179}$	100,000	$\frac{200,000}{2,050,623}$	139	$\frac{1,363,403}{2,050,623}$	99,999	$\frac{2,961}{3,281}$	139	$\frac{2,181}{3,281}$
2,848	71,200,035	$\frac{10}{89}$	71,199,964	$\frac{79}{89}$	100,000	$\frac{8,000}{81,111}$	140	$\frac{36,460}{81,111}$	99,999	$\frac{1,827,777}{2,027,777}$	140	$\frac{911,220}{2,027,777}$
2,832	70,800,035	$\frac{55}{177}$	70,799,964	$\frac{122}{177}$	100,000	$\frac{40,000}{401,011}$	141	$\frac{97,449}{401,011}$	99,999	$\frac{1,805,057}{2,005,057}$	141	$\frac{486,963}{2,005,057}$
2,816	70,400,035	$\frac{45}{88}$	70,399,964	$\frac{43}{88}$	100,000	$\frac{200,000}{1,982,463}$	142	$\frac{190,254}{1,982,463}$	99,999	$\frac{356,493}{396,493}$	142	$\frac{17,994}{396,493}$
2,800	70,000,035	$\frac{5}{7}$	69,999,964	$\frac{2}{7}$	100,000	$\frac{200,000}{1,959,999}$	142	$\frac{1,680,142}{1,959,999}$	99,999	$\frac{1,760,001}{1,960,001}$	142	$\frac{1,679,858}{1,960,001}$
2,784	69,600,035	$\frac{80}{87}$	69,599,964	$\frac{7}{87}$	100,000	$\frac{200,000}{1,937,663}$	143	$\frac{1,314,191}{1,937,663}$	99,999	$\frac{347,533}{387,533}$	143	$\frac{262,781}{387,533}$
2,768	69,200,036	$\frac{22}{173}$	69,199,963	$\frac{151}{173}$	100,000	$\frac{40,000}{383,091}$	144	$\frac{194,896}{383,091}$	99,999	$\frac{1,715,457}{1,915,457}$	144	$\frac{974,192}{1,915,457}$
2,752	68,800,036	$\frac{29}{86}$	68,799,963	$\frac{57}{86}$	100,000	$\frac{1,600}{15,147}$	145	$\frac{5,285}{15,147}$	99,999	$\frac{1,693,377}{1,893,377}$	145	$\frac{660,335}{1,893,377}$
2,736	68,400,036	$\frac{94}{177}$	68,399,963	$\frac{77}{177}$	100,000	$\frac{200,000}{1,871,423}$	146	$\frac{372,242}{1,871,423}$	99,999	$\frac{66,857}{74,857}$	146	$\frac{14,878}{74,857}$
2,720	68,000,036	$\frac{13}{17}$	67,999,963	$\frac{4}{17}$	100,000	$\frac{200,000}{1,849,599}$	147	$\frac{108,947}{1,849,599}$	99,999	$\frac{1,649,601}{1,849,601}$	147	$\frac{108,653}{1,849,601}$
2,704	67,600,036	$\frac{166}{169}$	67,599,963	$\frac{3}{169}$	100,000	$\frac{200,000}{1,827,903}$	147	$\frac{1,698,259}{1,827,903}$	99,999	$\frac{325,581}{365,581}$	147	$\frac{339,593}{365,581}$
Numeri pri- mi Bases.	Hypotenusa	Perpendiculum		Hypotenusa	Basis	Perpendiculum	Basis	Perpendiculum	Basis	Hypotenusa		
	100,000			100,000				100,000				
	Basis			Perpendiculum.				Hypotenusa				



# LATERVM RATION ALIVM.

29

SERIES I.				SERIES II.				SERIES III.				
148	$\frac{1,462,124}{1,806,337}$	99,999	$\frac{1,606,337}{1,806,337}$	148	$\frac{291,484}{361,267}$	100,000	$\frac{40,000}{361,267}$	67,199,962	$\frac{67}{84}$	67,200,037	$\frac{17}{84}$	2,688
149	$\frac{1,250,347}{1,784,897}$	99,999	$\frac{1,584,897}{1,784,897}$	149	$\frac{250,129}{356,970}$	100,000	$\frac{40,000}{356,970}$	66,799,962	$\frac{96}{167}$	66,800,037	$\frac{71}{167}$	2,672
150	$\frac{212,450}{352,717}$	99,999	$\frac{312,717}{352,717}$	150	$\frac{1,062,550}{1,763,583}$	100,000	$\frac{200,000}{1,763,583}$	66,399,962	$\frac{29}{83}$	66,400,037	$\frac{54}{83}$	2,656
151	$\frac{897,449}{1,742,401}$	99,999	$\frac{1,542,401}{1,742,401}$	151	$\frac{897,751}{1,742,399}$	100,000	$\frac{200,000}{1,742,399}$	65,999,962	$\frac{4}{33}$	66,000,037	$\frac{29}{33}$	2,640
152	$\frac{151,112}{344,269}$	99,999	$\frac{304,269}{344,269}$	152	$\frac{755,864}{1,721,343}$	100,000	$\frac{200,000}{1,721,343}$	65,599,961	$\frac{73}{82}$	65,600,038	$\frac{9}{82}$	2,624
153	$\frac{636,199}{1,700,417}$	99,999	$\frac{1,500,417}{1,700,417}$	153	$\frac{127,301}{340,083}$	100,000	$\frac{40,000}{340,083}$	65,199,961	$\frac{107}{163}$	65,200,038	$\frac{56}{163}$	2,608
154	$\frac{538,982}{1,679,617}$	99,999	$\frac{1,479,617}{1,679,617}$	154	$\frac{107,858}{335,923}$	100,000	$\frac{40,000}{335,923}$	64,799,961	$\frac{34}{81}$	64,800,038	$\frac{47}{81}$	2,594
155	$\frac{92,705}{331,789}$	99,999	$\frac{291,789}{331,789}$	155	$\frac{463,835}{1,658,943}$	100,000	$\frac{200,000}{1,658,943}$	64,399,961	$\frac{29}{161}$	64,400,038	$\frac{132}{161}$	2,576
156	$\frac{409,444}{1,638,401}$	99,999	$\frac{1,438,401}{1,638,401}$	156	$\frac{409,756}{1,638,399}$	100,000	$\frac{200,000}{1,638,399}$	63,999,960	$\frac{15}{16}$	64,000,039	$\frac{1}{16}$	2,560
157	$\frac{75,271}{323,597}$	99,999	$\frac{283,597}{323,597}$	157	$\frac{376,669}{1,617,983}$	100,000	$\frac{200,000}{1,617,983}$	63,599,960	$\frac{110}{159}$	63,600,039	$\frac{49}{159}$	2,544
158	$\frac{363,874}{1,597,697}$	99,999	$\frac{1,397,697}{1,597,697}$	158	$\frac{72,838}{319,539}$	100,000	$\frac{40,000}{319,539}$	63,199,960	$\frac{35}{79}$	63,200,039	$\frac{44}{79}$	2,528
159	$\frac{371,617}{1,577,537}$	99,999	$\frac{1,377,537}{1,577,537}$	159	$\frac{74,387}{315,507}$	100,000	$\frac{40,000}{315,507}$	62,799,960	$\frac{50}{157}$	62,800,039	$\frac{127}{157}$	2,512
160	$\frac{79,840}{311,501}$	99,999	$\frac{271,501}{311,501}$	160	$\frac{399,520}{1,557,503}$	100,000	$\frac{200,000}{1,557,503}$	62,399,959	$\frac{73}{78}$	62,400,040	$\frac{5}{78}$	2,496
161	$\frac{446,239}{1,537,601}$	99,999	$\frac{1,337,601}{1,537,601}$	161	$\frac{446,561}{1,537,599}$	100,000	$\frac{200,000}{1,537,599}$	61,999,959	$\frac{21}{31}$	62,000,040	$\frac{10}{31}$	2,480
162	$\frac{20,494}{60,713}$	99,999	$\frac{52,713}{60,713}$	162	$\frac{512,674}{1,517,823}$	100,000	$\frac{200,000}{1,517,823}$	61,599,959	$\frac{32}{77}$	61,600,040	$\frac{45}{77}$	2,464
163	$\frac{597,149}{1,498,177}$	99,999	$\frac{1,298,177}{1,498,177}$	163	$\frac{23,899}{59,927}$	100,000	$\frac{8,000}{59,927}$	61,199,959	$\frac{23}{153}$	61,200,040	$\frac{130}{153}$	2,448
164	$\frac{700,252}{1,478,657}$	99,999	$\frac{1,278,657}{1,478,657}$	164	$\frac{140,095}{295,731}$	100,000	$\frac{40,000}{295,731}$	60,799,958	$\frac{67}{76}$	60,800,041	$\frac{9}{76}$	2,432
165	$\frac{164,255}{291,853}$	99,999	$\frac{251,863}{291,863}$	165	$\frac{821,605}{1,459,263}$	100,000	$\frac{200,000}{1,459,263}$	60,399,958	$\frac{92}{151}$	60,400,041	$\frac{59}{151}$	2,416
166	$\frac{959,834}{1,440,001}$	99,999	$\frac{1,240,001}{1,440,001}$	166	$\frac{960,166}{1,439,999}$	100,000	$\frac{200,000}{1,439,999}$	59,999,958	$\frac{1}{3}$	60,000,041	$\frac{2}{3}$	2,400
167	$\frac{223,109}{284,173}$	99,999	$\frac{244,173}{284,173}$	167	$\frac{1,115,879}{1,420,863}$	100,000	$\frac{200,000}{1,420,863}$	59,599,958	$\frac{8}{149}$	59,600,041	$\frac{141}{149}$	2,384
168	$\frac{1,288,024}{1,401,857}$	99,999	$\frac{1,201,857}{1,401,857}$	168	$\frac{257,672}{280,371}$	100,000	$\frac{40,000}{280,371}$	59,199,957	$\frac{57}{74}$	59,200,042	$\frac{17}{74}$	2,368
170	$\frac{93,910}{1,382,977}$	99,999	$\frac{1,182,977}{1,382,977}$	170	$\frac{3,770}{55,319}$	100,000	$\frac{8,000}{55,319}$	58,799,957	$\frac{71}{147}$	58,800,042	$\frac{70}{147}$	2,352
171	$\frac{12,701}{54,569}$	99,999	$\frac{46,569}{54,569}$	171	$\frac{317,867}{1,364,223}$	100,000	$\frac{200,000}{1,364,223}$	58,399,957	$\frac{14}{73}$	58,400,042	$\frac{59}{73}$	2,336
172	$\frac{556,628}{1,345,601}$	99,999	$\frac{1,145,601}{1,345,601}$	172	$\frac{556,972}{1,345,599}$	100,000	$\frac{200,000}{1,345,599}$	57,999,956	$\frac{26}{29}$	58,000,043	$\frac{3}{29}$	2,320
173	$\frac{162,167}{265,421}$	99,999	$\frac{225,421}{265,421}$	173	$\frac{811,181}{1,327,103}$	100,000	$\frac{200,000}{1,327,103}$	57,599,956	$\frac{43}{72}$	57,600,043	$\frac{29}{72}$	2,304
174	$\frac{1,079,762}{1,308,737}$	99,999	$\frac{1,108,737}{1,308,737}$	174	$\frac{216,022}{261,747}$	100,000	$\frac{40,000}{261,747}$	57,199,956	$\frac{42}{143}$	57,200,043	$\frac{101}{143}$	2,288
176	$\frac{72,528}{1,290,497}$	99,999	$\frac{1,090,497}{1,290,497}$	176	$\frac{14,576}{258,099}$	100,000	$\frac{40,000}{258,099}$	56,799,955	$\frac{70}{71}$	56,800,044	$\frac{1}{71}$	2,272
177	$\frac{77,571}{254,277}$	99,999	$\frac{214,277}{254,277}$	177	$\frac{388,209}{1,272,383}$	100,000	$\frac{200,000}{1,272,383}$	56,399,955	$\frac{95}{141}$	56,400,044	$\frac{46}{141}$	2,256
178	$\frac{716,622}{1,254,401}$	99,999	$\frac{1,054,401}{1,254,401}$	178	$\frac{716,978}{1,254,399}$	100,000	$\frac{200,000}{1,254,399}$	55,999,955	$\frac{5}{14}$	56,000,044	$\frac{9}{14}$	2,240
179	$\frac{211,689}{247,309}$	99,999	$\frac{207,309}{247,309}$	179	$\frac{1,058,803}{1,236,543}$	100,000	$\frac{200,000}{1,236,543}$	55,599,955	$\frac{5}{139}$	55,600,044	$\frac{134}{139}$	2,224
181	$\frac{194,123}{1,218,817}$	99,999	$\frac{1,018,817}{1,218,817}$	181	$\frac{38,897}{243,763}$	100,000	$\frac{40,000}{243,763}$	55,199,954	$\frac{49}{69}$	55,200,045	$\frac{20}{69}$	2,208
182	$\frac{578,506}{1,201,217}$	99,999	$\frac{1,001,217}{1,201,217}$	182	$\frac{115,774}{240,243}$	100,000	$\frac{40,000}{240,243}$	54,799,954	$\frac{52}{137}$	54,800,045	$\frac{85}{137}$	2,192
183	$\frac{194,933}{236,749}$	99,999	$\frac{196,749}{236,749}$	183	$\frac{975,031}{1,183,743}$	100,000	$\frac{200,000}{1,183,743}$	54,399,954	$\frac{3}{68}$	54,400,045	$\frac{65}{68}$	2,176
185	$\frac{215,815}{1,166,401}$	99,999	$\frac{966,401}{1,166,401}$	185	$\frac{216,185}{1,166,399}$	100,000	$\frac{200,000}{1,166,399}$	53,999,953	$\frac{19}{27}$	54,000,046	$\frac{8}{27}$	2,160
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis				Numeri primi Balcos.



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
2,144	53,600,046	$\frac{43}{67}$	53,599,953	$\frac{24}{67}$	100,000	$\frac{200,000}{1,149,183}$	186	$\frac{651,962}{1,149,183}$	99,999	$\frac{189,837}{229,837}$	186	$\frac{130,318}{229,837}$
2,128	53,200,046	$\frac{132}{133}$	53,199,953	$\frac{1}{133}$	100,000	$\frac{40,000}{226,419}$	187	$\frac{219,647}{226,419}$	99,999	$\frac{932,097}{1,132,097}$	187	$\frac{1,097,861}{1,132,097}$
2,112	52,800,047	$\frac{23}{66}$	52,799,952	$\frac{43}{66}$	100,000	$\frac{40,000}{223,027}$	189	$\frac{87,897}{223,027}$	99,999	$\frac{915,137}{1,115,137}$	189	$\frac{439,107}{1,115,137}$
2,096	52,400,047	$\frac{93}{131}$	52,399,952	$\frac{38}{131}$	100,000	$\frac{200,000}{1,098,303}$	190	$\frac{922,430}{1,098,303}$	99,999	$\frac{179,661}{219,661}$	190	$\frac{184,410}{219,661}$
2,080	52,000,048	$\frac{1}{13}$	51,999,951	$\frac{12}{13}$	100,000	$\frac{200,000}{1,081,599}$	192	$\frac{332,992}{1,081,599}$	99,999	$\frac{881,601}{1,081,601}$	192	$\frac{332,608}{1,081,601}$
2,064	51,600,048	$\frac{58}{129}$	51,599,951	$\frac{71}{129}$	100,000	$\frac{200,000}{1,065,023}$	193	$\frac{850,561}{1,065,023}$	99,999	$\frac{34,601}{42,601}$	193	$\frac{34,007}{42,601}$
2,048	51,200,048	$\frac{53}{64}$	51,199,951	$\frac{11}{64}$	100,000	$\frac{8,000}{41,943}$	195	$\frac{13,115}{41,943}$	99,999	$\frac{848,577}{1,048,577}$	195	$\frac{327,485}{1,048,577}$
2,032	50,800,049	$\frac{27}{127}$	50,799,950	$\frac{100}{127}$	100,000	$\frac{40,000}{206,451}$	196	$\frac{175,604}{206,451}$	99,999	$\frac{832,257}{1,032,257}$	196	$\frac{877,628}{1,032,257}$
2,016	50,400,049	$\frac{38}{63}$	50,399,950	$\frac{25}{63}$	100,000	$\frac{200,000}{1,016,063}$	198	$\frac{419,526}{1,016,063}$	99,999	$\frac{163,213}{203,213}$	198	$\frac{83,826}{203,213}$
2,000	50,000,050		49,999,950		100,000	$\frac{200,000}{999,999}$	200	$\frac{200}{999,999}$	99,999	$\frac{800,001}{1,000,001}$	199	$\frac{999,801}{1,000,001}$
1,984	49,600,050	$\frac{25}{62}$	49,599,949	$\frac{37}{62}$	100,000	$\frac{200,000}{984,063}$	201	$\frac{603,337}{984,063}$	99,999	$\frac{156,813}{196,813}$	201	$\frac{120,587}{196,813}$
1,968	49,200,050	$\frac{100}{123}$	49,199,949	$\frac{23}{123}$	100,000	$\frac{40,000}{193,651}$	203	$\frac{48,847}{193,651}$	99,999	$\frac{768,257}{968,257}$	203	$\frac{243,829}{968,257}$
1,952	48,800,051	$\frac{14}{61}$	48,799,948	$\frac{47}{61}$	100,000	$\frac{8,000}{38,103}$	204	$\frac{34,988}{38,103}$	99,999	$\frac{752,577}{952,577}$	204	$\frac{874,492}{952,577}$
1,936	48,400,051	$\frac{79}{121}$	48,399,948	$\frac{42}{121}$	100,000	$\frac{200,000}{937,023}$	206	$\frac{573,262}{937,023}$	99,999	$\frac{29,481}{37,481}$	206	$\frac{22,914}{37,481}$
1,920	48,000,052	$\frac{1}{12}$	47,999,947	$\frac{11}{12}$	100,000	$\frac{200,000}{921,599}$	208	$\frac{307,408}{921,599}$	99,999	$\frac{721,601}{921,601}$	208	$\frac{306,992}{921,601}$
1,904	47,600,052	$\frac{62}{119}$	47,599,947	$\frac{57}{119}$	100,000	$\frac{200,000}{906,303}$	210	$\frac{76,370}{906,303}$	99,999	$\frac{141,261}{181,261}$	210	$\frac{15,190}{181,261}$
1,888	47,200,052	$\frac{57}{59}$	47,199,947	$\frac{2}{59}$	100,000	$\frac{40,000}{178,227}$	211	$\frac{154,103}{178,227}$	99,999	$\frac{691,137}{891,137}$	211	$\frac{770,093}{891,137}$
1,872	46,800,053	$\frac{49}{117}$	46,799,946	$\frac{68}{117}$	100,000	$\frac{40,000}{175,219}$	213	$\frac{118,353}{175,219}$	99,999	$\frac{676,097}{876,097}$	213	$\frac{591,339}{876,097}$
1,856	46,400,053	$\frac{51}{58}$	46,399,946	$\frac{7}{58}$	100,000	$\frac{200,000}{861,183}$	215	$\frac{445,655}{861,183}$	99,999	$\frac{132,237}{172,237}$	215	$\frac{89,045}{172,237}$
1,840	46,000,054	$\frac{8}{23}$	45,999,945	$\frac{15}{23}$	100,000	$\frac{200,000}{846,399}$	217	$\frac{331,417}{846,399}$	99,999	$\frac{646,401}{846,401}$	217	$\frac{33,983}{846,401}$
1,824	45,600,054	$\frac{47}{57}$	45,599,945	$\frac{10}{57}$	100,000	$\frac{200,000}{831,743}$	219	$\frac{248,283}{831,743}$	99,999	$\frac{126,349}{166,349}$	219	$\frac{49,569}{166,349}$
1,808	45,200,055	$\frac{35}{113}$	45,199,944	$\frac{78}{113}$	100,000	$\frac{40,000}{163,443}$	221	$\frac{39,097}{163,443}$	99,999	$\frac{617,217}{817,217}$	221	$\frac{195,043}{817,217}$
1,792	44,800,055	$\frac{45}{56}$	44,799,944	$\frac{11}{56}$	100,000	$\frac{40,000}{160,563}$	223	$\frac{34,451}{160,563}$	99,999	$\frac{602,817}{802,817}$	223	$\frac{171,809}{802,817}$
1,776	44,400,056	$\frac{34}{111}$	44,399,943	$\frac{77}{111}$	100,000	$\frac{200,000}{788,543}$	225	$\frac{177,825}{788,543}$	99,999	$\frac{117,709}{157,709}$	225	$\frac{35,475}{157,709}$
1,760	44,000,056	$\frac{9}{11}$	43,999,943	$\frac{2}{11}$	100,000	$\frac{200,000}{774,399}$	227	$\frac{211,427}{774,399}$	99,999	$\frac{574,401}{774,401}$	227	$\frac{210,973}{774,401}$
1,744	43,600,057	$\frac{37}{109}$	43,599,942	$\frac{72}{109}$	100,000	$\frac{200,000}{760,383}$	229	$\frac{272,293}{760,383}$	99,999	$\frac{112,077}{152,077}$	229	$\frac{54,367}{152,077}$
1,728	43,200,057	$\frac{47}{54}$	43,199,942	$\frac{7}{54}$	100,000	$\frac{40,000}{149,299}$	231	$\frac{71,931}{149,299}$	99,999	$\frac{546,497}{746,497}$	231	$\frac{359,193}{746,497}$
1,712	42,800,058	$\frac{44}{107}$	42,799,941	$\frac{63}{107}$	100,000	$\frac{40,000}{146,547}$	233	$\frac{94,549}{146,547}$	99,999	$\frac{532,737}{732,737}$	233	$\frac{472,279}{732,737}$
1,696	42,400,058	$\frac{51}{53}$	42,399,941	$\frac{2}{53}$	100,000	$\frac{200,000}{719,103}$	235	$\frac{610,795}{719,103}$	99,999	$\frac{103,821}{143,821}$	235	$\frac{122,065}{143,821}$
1,680	42,000,059	$\frac{11}{21}$	41,999,940	$\frac{10}{21}$	100,000	$\frac{200,000}{705,599}$	238	$\frac{67,438}{705,599}$	99,999	$\frac{505,601}{705,601}$	238	$\frac{66,962}{705,601}$
1,664	41,600,060	$\frac{5}{52}$	41,599,939	$\frac{47}{52}$	100,000	$\frac{200,000}{692,223}$	240	$\frac{266,480}{692,223}$	99,999	$\frac{19,689}{27,689}$	240	$\frac{10,640}{27,689}$
1,648	41,200,060	$\frac{70}{103}$	41,199,939	$\frac{33}{103}$	100,000	$\frac{8,000}{27,159}$	242	$\frac{19,522}{27,159}$	99,999	$\frac{478,977}{678,977}$	242	$\frac{487,566}{678,977}$
1,632	40,800,061	$\frac{14}{51}$	40,799,938	$\frac{37}{51}$	100,000	$\frac{40,000}{133,171}$	245	$\frac{13,105}{133,171}$	99,999	$\frac{465,857}{665,857}$	245	$\frac{65,035}{665,857}$
1,616	40,400,061	$\frac{89}{101}$	40,399,938	$\frac{12}{101}$	100,000	$\frac{200,000}{652,863}$	247	$\frac{342,839}{652,863}$	99,999	$\frac{90,573}{130,573}$	247	$\frac{68,469}{130,573}$
Numeripri- mi Bafcos.	Hypotenusa	Perpendiculum		Hypotenusa	Bafis	Perpendiculum		Hypotenusa	Bafis	Perpendiculum		
	100,000			100,000				100,000				
	Bafis			Perpendiculum.				Hypotenusa				



# LATERVM RATION ALIVM.

31

SERIES I.				SERIES II.				SERIES III.				
249	$\frac{639,751}{640,001}$	99,999	$\frac{440,001}{640,001}$	250	$\frac{250}{639,999}$	100,000	$\frac{200,000}{639,999}$	39,999,937	$\frac{1}{2}$	$\frac{1}{2}$	1,600	
251	$\frac{162,133}{633,617}$	99,999	$\frac{433,617}{633,617}$	251	$\frac{32,527}{126,723}$	100,000	$\frac{40,000}{126,723}$	39,799,937	$\frac{37}{199}$	$\frac{162}{199}$	1,592	
252	$\frac{65,844}{125,453}$	99,999	$\frac{85,453}{125,453}$	252	$\frac{329,724}{627,263}$	100,000	$\frac{200,000}{627,263}$	39,599,936	$\frac{86}{99}$	$\frac{13}{99}$	1,592	
253	$\frac{100,183}{124,189}$	99,999	$\frac{84,189}{124,189}$	253	$\frac{501,421}{620,943}$	100,000	$\frac{200,000}{620,943}$	39,399,936	$\frac{98}{197}$	$\frac{89}{197}$	1,584	
255	$\frac{62,465}{614,657}$	99,999	$\frac{414,657}{614,657}$	255	$\frac{12,595}{122,931}$	100,000	$\frac{40,000}{122,931}$	39,199,936	$\frac{11}{49}$	$\frac{38}{49}$	1,576	
256	$\frac{249,344}{608,401}$	99,999	$\frac{408,401}{608,401}$	256	$\frac{249,856}{608,399}$	100,000	$\frac{200,000}{608,399}$	38,999,935	$\frac{35}{39}$	$\frac{4}{39}$	1,568	
257	$\frac{400,511}{602,177}$	99,999	$\frac{402,177}{602,177}$	257	$\frac{17,641}{24,087}$	100,000	$\frac{8,000}{24,087}$	38,799,935	$\frac{55}{97}$	$\frac{42}{97}$	1,560	
259	$\frac{7,957}{119,197}$	99,999	$\frac{79,197}{119,197}$	259	$\frac{40,303}{595,983}$	100,000	$\frac{200,000}{595,983}$	38,599,935	$\frac{45}{193}$	$\frac{148}{193}$	1,567	
260	$\frac{2,820}{23,593}$	99,999	$\frac{15,593}{23,593}$	260	$\frac{246,020}{589,823}$	100,000	$\frac{200,000}{589,823}$	38,399,934	$\frac{43}{48}$	$\frac{5}{48}$	1,544	
261	$\frac{455,083}{583,697}$	99,999	$\frac{383,697}{583,697}$	261	$\frac{91,121}{116,739}$	100,000	$\frac{40,000}{116,739}$	38,199,934	$\frac{106}{191}$	$\frac{85}{191}$	1,544	
263	$\frac{90,937}{577,601}$	99,999	$\frac{377,601}{577,601}$	263	$\frac{91,463}{577,599}$	100,000	$\frac{200,000}{577,599}$	37,999,934	$\frac{4}{19}$	$\frac{15}{19}$	1,536	
264	$\frac{314,232}{571,537}$	99,999	$\frac{371,537}{571,537}$	264	$\frac{62,952}{114,307}$	100,000	$\frac{40,000}{114,307}$	37,799,933	$\frac{163}{189}$	$\frac{26}{189}$	1,528	
265	$\frac{108,235}{113,101}$	99,999	$\frac{73,101}{113,101}$	265	$\frac{541,703}{565,503}$	100,000	$\frac{200,000}{565,503}$	37,599,933	$\frac{24}{47}$	$\frac{23}{47}$	1,720	
267	$\frac{42,433}{111,901}$	99,999	$\frac{71,901}{111,901}$	267	$\frac{212,699}{559,593}$	100,000	$\frac{200,000}{559,593}$	37,399,933	$\frac{58}{374}$	$\frac{316}{374}$	1,512	
268	$\frac{452,084}{553,537}$	99,999	$\frac{353,537}{553,537}$	268	$\frac{90,524}{110,707}$	100,000	$\frac{40,000}{110,707}$	37,199,932	$\frac{74}{93}$	$\frac{19}{93}$	1,504	
270	$\frac{147,730}{547,601}$	99,999	$\frac{347,601}{547,601}$	270	$\frac{148,270}{547,599}$	100,000	$\frac{200,000}{547,599}$	36,999,932	$\frac{16}{37}$	$\frac{21}{37}$	1,496	
271	$\frac{400,113}{541,697}$	99,999	$\frac{341,697}{541,697}$	271	$\frac{80,131}{108,339}$	100,000	$\frac{40,000}{108,339}$	36,799,932	$\frac{3}{46}$	$\frac{43}{46}$	1,488	
273	$\frac{4,791}{21,433}$	99,999	$\frac{13,433}{21,433}$	273	$\frac{120,321}{535,823}$	100,000	$\frac{200,000}{535,823}$	36,599,931	$\frac{127}{183}$	$\frac{56}{183}$	1,480	
274	$\frac{76,822}{105,997}$	99,999	$\frac{65,997}{105,997}$	274	$\frac{384,658}{529,983}$	100,000	$\frac{200,000}{529,983}$	36,399,931	$\frac{29}{91}$	$\frac{62}{91}$	1,472	
276	$\frac{127,148}{524,177}$	99,999	$\frac{324,177}{524,177}$	276	$\frac{5,108}{20,957}$	100,000	$\frac{8,000}{20,957}$	36,199,930	$\frac{170}{181}$	$\frac{11}{181}$	2,464	
277	$\frac{402,923}{518,401}$	99,999	$\frac{318,401}{518,401}$	277	$\frac{403,477}{518,399}$	100,000	$\frac{200,000}{518,399}$	35,999,930	$\frac{5}{9}$	$\frac{4}{9}$	1,456	
279	$\frac{168,699}{512,657}$	99,999	$\frac{312,657}{512,657}$	279	$\frac{33,841}{102,531}$	100,000	$\frac{40,000}{102,531}$	35,799,930	$\frac{30}{179}$	$\frac{149}{179}$	1,448	
280	$\frac{91,080}{101,389}$	99,999	$\frac{61,389}{101,389}$	280	$\frac{455,960}{506,943}$	100,000	$\frac{200,000}{506,943}$	35,599,929	$\frac{69}{89}$	$\frac{20}{89}$	1,440	
282	$\frac{48,654}{100,253}$	99,999	$\frac{60,253}{100,253}$	282	$\frac{243,834}{501,263}$	100,000	$\frac{200,000}{501,263}$	35,399,929	$\frac{67}{177}$	$\frac{110}{177}$	1,432	
284	$\frac{44,772}{495,617}$	99,999	$\frac{295,617}{495,617}$	284	$\frac{9,068}{99,123}$	100,000	$\frac{40,000}{99,123}$	35,199,928	$\frac{43}{44}$	$\frac{1}{44}$	1,424	
285	$\frac{349,715}{490,001}$	99,999	$\frac{290,001}{490,001}$	285	$\frac{350,285}{489,999}$	100,000	$\frac{200,000}{489,999}$	34,999,928	$\frac{4}{7}$	$\frac{3}{7}$	1,416	
287	$\frac{172,321}{484,417}$	99,999	$\frac{284,417}{484,417}$	287	$\frac{34,579}{96,883}$	100,000	$\frac{40,000}{96,883}$	34,799,928	$\frac{14}{87}$	$\frac{73}{87}$	1,408	
289	$\frac{1,603}{95,773}$	99,999	$\frac{55,773}{95,773}$	289	$\frac{8,593}{478,863}$	100,000	$\frac{200,000}{478,863}$	34,599,927	$\frac{129}{173}$	$\frac{44}{173}$	1,400	
290	$\frac{6,599}{94,669}$	99,999	$\frac{54,669}{94,669}$	290	$\frac{330,530}{473,343}$	100,000	$\frac{200,000}{473,343}$	34,399,927	$\frac{14}{43}$	$\frac{29}{43}$	1,392	
292	$\frac{185,756}{467,857}$	99,999	$\frac{267,857}{467,857}$	292	$\frac{37,268}{93,571}$	100,000	$\frac{40,000}{93,571}$	34,199,926	$\frac{154}{171}$	$\frac{17}{171}$	1,384	
294	$\frac{54,106}{462,401}$	99,999	$\frac{262,401}{462,401}$	294	$\frac{54,694}{462,399}$	100,000	$\frac{200,000}{462,399}$	33,999,926	$\frac{8}{17}$	$\frac{9}{17}$	1,376	
295	$\frac{391,785}{456,977}$	99,999	$\frac{56,977}{456,977}$	295	$\frac{15,695}{18,279}$	100,000	$\frac{8,000}{18,279}$	33,799,926	$\frac{6}{169}$	$\frac{163}{169}$	1,368	
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis				Numeri primi Bascos.



CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
I,344	33,600,074	$\frac{17}{41}$	33,599,925	$\frac{25}{42}$	100,000	$\frac{200,000}{451,583}$	297	$\frac{279,849}{451,583}$	99,999	$\frac{50,317}{90,317}$	297	$\frac{55,851}{90,317}$
I,336	33,400,074	$\frac{142}{167}$	33,399,925	$\frac{25}{167}$	100,000	$\frac{200,000}{446,223}$	299	$\frac{179,323}{446,223}$	99,999	$\frac{9,849}{17,849}$	299	$\frac{7,149}{17,849}$
I,328	33,200,075	$\frac{25}{83}$	33,199,924	$\frac{58}{83}$	100,000	$\frac{40,000}{88,179}$	301	$\frac{18,121}{88,179}$	99,999	$\frac{240,897}{440,897}$	301	$\frac{90,003}{440,897}$
I,320	33,000,075	$\frac{25}{33}$	32,999,924	$\frac{8}{33}$	100,000	$\frac{200,000}{435,599}$	303	$\frac{13,503}{435,599}$	99,999	$\frac{235,601}{435,601}$	303	$\frac{12,897}{435,601}$
I,312	32,800,076	$\frac{9}{41}$	32,799,923	$\frac{32}{41}$	100,000	$\frac{40,000}{86,067}$	304	$\frac{75,632}{86,067}$	99,999	$\frac{230,337}{430,337}$	304	$\frac{377,552}{430,337}$
I,304	32,600,076	$\frac{112}{163}$	32,599,923	$\frac{51}{163}$	100,000	$\frac{200,000}{425,103}$	306	$\frac{318,476}{425,103}$	99,999	$\frac{45,021}{85,021}$	306	$\frac{63,574}{85,021}$
I,296	32,400,077	$\frac{13}{81}$	32,399,922	$\frac{68}{81}$	100,000	$\frac{200,000}{419,903}$	308	$\frac{269,876}{419,903}$	99,999	$\frac{43,981}{83,981}$	308	$\frac{53,852}{83,981}$
I,288	32,200,077	$\frac{103}{161}$	32,199,922	$\frac{58}{161}$	100,000	$\frac{40,000}{82,947}$	310	$\frac{46,430}{82,947}$	99,999	$\frac{214,737}{414,737}$	310	$\frac{231,530}{414,737}$
I,280	32,000,078	$\frac{1}{8}$	31,999,921	$\frac{7}{8}$	100,000	$\frac{200,000}{409,599}$	312	$\frac{205,112}{409,599}$	99,999	$\frac{209,601}{409,601}$	312	$\frac{204,488}{409,601}$
I,272	31,800,078	$\frac{98}{159}$	31,799,921	$\frac{61}{159}$	100,000	$\frac{40,000}{80,899}$	314	$\frac{37,714}{80,899}$	99,999	$\frac{204,497}{404,497}$	314	$\frac{187,942}{404,497}$
I,264	31,600,079	$\frac{141}{1,164}$	31,599,920	$\frac{1,123}{1,164}$	100,000	$\frac{200,000}{399,423}$	316	$\frac{178,540}{399,423}$	99,999	$\frac{7,977}{15,977}$	316	$\frac{177,908}{399,423}$
I,256	31,400,079	$\frac{97}{157}$	31,399,920	$\frac{60}{157}$	100,000	$\frac{200,000}{394,383}$	318	$\frac{372,412}{394,383}$	99,999	$\frac{38,877}{78,877}$	318	$\frac{37,114}{78,877}$
I,248	31,200,080	$\frac{5}{39}$	31,199,919	$\frac{34}{39}$	100,000	$\frac{320}{623}$	320	$\frac{320}{623}$	99,999	$\frac{189,377}{389,377}$	320	$\frac{199,360}{389,377}$
I,240	31,000,080	$\frac{20}{31}$	30,999,919	$\frac{11}{31}$	100,000	$\frac{200,000}{384,399}$	322	$\frac{223,522}{384,399}$	99,999	$\frac{184,401}{384,401}$	322	$\frac{222,878}{384,401}$
I,232	30,800,081	$\frac{13}{77}$	30,799,918	$\frac{64}{77}$	100,000	$\frac{40,000}{75,891}$	324	$\frac{51,316}{75,891}$	99,999	$\frac{179,457}{379,457}$	324	$\frac{255,932}{379,457}$
I,224	30,600,081	$\frac{107}{153}$	30,599,918	$\frac{46}{153}$	100,000	$\frac{200,000}{374,543}$	326	$\frac{298,982}{374,543}$	99,999	$\frac{34,909}{74,909}$	326	$\frac{59,666}{74,909}$
I,216	30,400,082	$\frac{9}{38}$	30,399,917	$\frac{29}{38}$	100,000	$\frac{200,000}{369,663}$	328	$\frac{350,536}{369,663}$	99,999	$\frac{33,933}{73,933}$	328	$\frac{69,977}{73,933}$
I,208	30,200,082	$\frac{118}{151}$	30,199,917	$\frac{33}{151}$	100,000	$\frac{40,000}{72,963}$	331	$\frac{9,247}{72,963}$	99,999	$\frac{164,817}{364,817}$	331	$\frac{45,573}{364,817}$
I,200	30,000,083	$\frac{1}{3}$	29,999,916	$\frac{2}{3}$	100,000	$\frac{200,000}{359,999}$	333	$\frac{120,333}{359,999}$	99,999	$\frac{160,001}{360,001}$	333	$\frac{119,667}{360,001}$
I,192	29,800,083	$\frac{133}{149}$	29,799,916	$\frac{16}{149}$	100,000	$\frac{40,000}{71,043}$	335	$\frac{40,595}{71,043}$	99,999	$\frac{155,217}{355,217}$	335	$\frac{202,305}{355,217}$
I,184	29,600,084	$\frac{17}{37}$	29,599,915	$\frac{20}{37}$	100,000	$\frac{200,000}{350,463}$	337	$\frac{294,009}{350,463}$	99,999	$\frac{30,093}{70,093}$	337	$\frac{58,651}{70,093}$
I,176	29,400,085	$\frac{10}{294}$	29,399,914	$\frac{284}{294}$	100,000	$\frac{200,000}{345,743}$	340	$\frac{47,380}{345,743}$	99,999	$\frac{29,149}{69,149}$	340	$\frac{9,240}{69,149}$
I,168	29,200,085	$\frac{45}{73}$	29,199,914	$\frac{28}{73}$	100,000	$\frac{40,000}{68,211}$	342	$\frac{31,858}{68,211}$	99,999	$\frac{141,057}{341,057}$	342	$\frac{158,506}{341,057}$
I,160	29,000,086	$\frac{6}{29}$	28,999,913	$\frac{23}{29}$	100,000	$\frac{200,000}{336,399}$	344	$\frac{278,744}{336,399}$	99,999	$\frac{136,401}{336,401}$	344	$\frac{278,056}{336,401}$
I,152	28,800,086	$\frac{29}{36}$	28,799,913	$\frac{7}{36}$	100,000	$\frac{8,000}{29,271}$	347	$\frac{2,967}{29,271}$	99,999	$\frac{131,777}{331,777}$	347	$\frac{73,382}{331,777}$
I,144	28,600,087	$\frac{59}{143}$	28,599,912	$\frac{84}{143}$	100,000	$\frac{200,000}{327,183}$	349	$\frac{213,113}{327,183}$	99,999	$\frac{25,437}{65,437}$	349	$\frac{42,487}{65,437}$
I,136	28,400,088	$\frac{2}{71}$	28,399,911	$\frac{69}{71}$	100,000	$\frac{200,000}{322,623}$	352	$\frac{36,704}{322,623}$	99,999	$\frac{981}{2,581}$	352	$\frac{288}{2,581}$
I,128	28,200,088	$\frac{92}{141}$	28,199,911	$\frac{49}{141}$	100,000	$\frac{40,000}{63,619}$	354	$\frac{38,874}{63,619}$	99,999	$\frac{118,097}{318,097}$	354	$\frac{193,662}{318,097}$
I,120	28,000,089	$\frac{2}{7}$	27,999,910	$\frac{5}{7}$	100,000	$\frac{200,000}{313,599}$	357	$\frac{45,157}{313,599}$	99,999	$\frac{113,601}{313,601}$	357	$\frac{44,443}{313,601}$
I,112	27,800,089	$\frac{129}{139}$	27,799,901	$\frac{10}{139}$	100,000	$\frac{40,000}{61,827}$	359	$\frac{44,107}{61,827}$	99,999	$\frac{109,137}{309,137}$	359	$\frac{219,817}{309,137}$
I,104	27,600,090	$\frac{40}{69}$	27,599,909	$\frac{29}{69}$	100,000	$\frac{200,000}{304,703}$	362	$\frac{97,514}{304,703}$	99,999	$\frac{20,941}{60,941}$	362	$\frac{19,358}{60,941}$
I,096	27,400,091	$\frac{33}{137}$	27,399,908	$\frac{104}{137}$	100,000	$\frac{200,000}{300,303}$	364	$\frac{289,708}{300,303}$	99,999	$\frac{20,061}{60,061}$	364	$\frac{57,796}{60,061}$
I,088	27,200,091	$\frac{31}{34}$	27,199,908	$\frac{3}{34}$	100,000	$\frac{40,000}{59,187}$	367	$\frac{38,371}{59,187}$	99,999	$\frac{95,937}{295,937}$	367	$\frac{191,121}{295,937}$
I,080	27,000,092	$\frac{16}{27}$	26,999,907	$\frac{11}{27}$	100,000	$\frac{200,000}{291,599}$	370	$\frac{108,370}{291,599}$	99,999	$\frac{91,601}{291,601}$	370	$\frac{107,630}{291,601}$
Numeri primi Bases.	Hypotenusa	Perpendicularum	100,000 Basis		Hypotenusa	Basis	Perpendicularum	100,000 Hypotenusa		Perpendicularum	Basis	



# LATERVM RATION ALIVM.

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SERIES I.				SERIES II.				SERIES III.				
373	$\frac{38,219}{287,297}$	99,999	$\frac{87,297}{287,297}$	373	$\frac{7,793}{57,459}$	100,000	$\frac{40,000}{57,459}$	26,799,906	$\frac{48}{67}$	26,800,093	$\frac{19}{67}$	1,072
375	$\frac{10,625}{11,321}$	99,999	$\frac{3,321}{11,321}$	375	$\frac{266,375}{283,023}$	100,000	$\frac{200,000}{283,023}$	26,599,906	$\frac{2}{133}$	26,600,093	$\frac{131}{133}$	1,064
378	$\frac{43,854}{55,757}$	99,999	$\frac{15,757}{55,757}$	378	$\frac{220,020}{278,783}$	100,000	$\frac{100,000}{278,783}$	26,399,905	$\frac{10}{33}$	26,400,094	$\frac{23}{33}$	1,056
381	$\frac{186,163}{274,577}$	99,999	$\frac{74,577}{274,577}$	381	$\frac{7,473}{10,983}$	100,000	$\frac{8,000}{10,983}$	26,199,904	$\frac{76}{131}$	26,200,095	$\frac{55}{131}$	1,048
384	$\frac{166,016}{270,401}$	99,999	$\frac{70,401}{270,401}$	384	$\frac{166,784}{270,399}$	100,000	$\frac{200,000}{270,399}$	25,999,903	$\frac{11}{13}$	26,000,096	$\frac{2}{13}$	1,040
387	$\frac{158,541}{266,257}$	99,999	$\frac{66,257}{266,257}$	387	$\frac{31,863}{53,251}$	100,000	$\frac{40,000}{53,251}$	25,799,903	$\frac{13}{129}$	25,800,096	$\frac{116}{129}$	1,032
390	$\frac{32,690}{52,429}$	99,999	$\frac{12,429}{52,429}$	390	$\frac{164,230}{262,143}$	100,000	$\frac{200,000}{262,143}$	25,599,902	$\frac{11}{32}$	25,600,097	$\frac{21}{32}$	1,024
393	$\frac{36,091}{51,613}$	99,999	$\frac{1,613}{51,613}$	393	$\frac{181,241}{258,063}$	100,000	$\frac{200,000}{258,063}$	25,399,901	$\frac{73}{127}$	25,400,098	$\frac{54}{127}$	1,016
396	$\frac{209,268}{254,017}$	99,999	$\frac{54,017}{254,017}$	396	$\frac{42,012}{50,803}$	100,000	$\frac{40,000}{50,803}$	25,199,900	$\frac{50}{63}$	25,200,099	$\frac{13}{63}$	1,008
399	$\frac{249,601}{250,001}$	99,999	$\frac{50,001}{250,001}$	400	$\frac{400}{249,999}$	100,000	$\frac{200,000}{249,999}$	24,999,900		25,000,100		1,000
403	$\frac{55,149}{246,017}$	99,999	$\frac{46,017}{246,017}$	403	$\frac{11,191}{49,203}$	100,000	$\frac{40,000}{49,203}$	24,799,899	$\frac{6}{31}$	24,800,100	$\frac{25}{31}$	992
406	$\frac{24,322}{48,413}$	99,999	$\frac{8,413}{48,413}$	406	$\frac{122,422}{242,063}$	100,000	$\frac{200,000}{242,063}$	24,599,898	$\frac{46}{123}$	24,600,101	$\frac{77}{123}$	984
409	$\frac{39,739}{47,629}$	99,999	$\frac{7,629}{47,629}$	409	$\frac{199,513}{238,143}$	100,000	$\frac{200,000}{238,143}$	24,399,897	$\frac{33}{61}$	24,400,102	$\frac{28}{61}$	976
413	$\frac{51,859}{234,257}$	99,999	$\frac{34,257}{234,257}$	413	$\frac{17,537}{46,851}$	100,000	$\frac{40,000}{46,851}$	24,199,896	$\frac{84}{121}$	24,200,103	$\frac{37}{121}$	968
416	$\frac{153,184}{230,401}$	99,999	$\frac{30,401}{230,401}$	416	$\frac{154,016}{230,399}$	100,000	$\frac{200,000}{230,399}$	23,999,895	$\frac{5}{6}$	24,000,104	$\frac{1}{6}$	960
420	$\frac{37,660}{226,577}$	99,999	$\frac{26,577}{226,577}$	420	$\frac{1,540}{9,063}$	100,000	$\frac{8,000}{9,063}$	23,799,894	$\frac{114}{119}$	23,800,105	$\frac{5}{119}$	952
423	$\frac{32,389}{44,557}$	99,999	$\frac{4,557}{44,557}$	423	$\frac{162,791}{222,783}$	100,000	$\frac{200,000}{222,783}$	23,599,894	$\frac{4}{59}$	23,600,105	$\frac{55}{59}$	944
427	$\frac{3,053}{8,361}$	99,999	$\frac{361}{8,361}$	427	$\frac{77,179}{219,023}$	100,000	$\frac{200,000}{219,023}$	23,399,893	$\frac{19}{117}$	23,400,106	$\frac{98}{117}$	936
431	$\frac{6,993}{215,297}$	99,999	$\frac{15,297}{215,297}$	431	$\frac{1,571}{43,059}$	100,000	$\frac{40,000}{43,059}$	23,199,892	$\frac{7}{29}$	23,200,107	$\frac{22}{29}$	928
434	$\frac{165,166}{211,601}$	99,999	$\frac{11,601}{211,601}$	434	$\frac{166,034}{211,599}$	100,000	$\frac{200,000}{211,599}$	22,999,891	$\frac{7}{23}$	23,000,108	$\frac{16}{23}$	920
438	$\frac{123,594}{207,937}$	99,999	$\frac{7,937}{207,937}$	438	$\frac{24,897}{41,587}$	100,000	$\frac{40,000}{41,587}$	22,799,890	$\frac{20}{57}$	22,800,109	$\frac{37}{57}$	912
442	$\frac{19,438}{40,861}$	99,999	$\frac{861}{40,861}$	442	$\frac{98,074}{204,303}$	100,000	$\frac{200,000}{204,303}$	22,599,889	$\frac{43}{113}$	22,600,110	$\frac{70}{113}$	904
446	$\frac{17,114}{40,141}$	99,999	$\frac{141}{40,141}$	446	$\frac{86,462}{200,703}$	100,000	$\frac{200,000}{200,703}$	22,399,888	$\frac{11}{28}$	22,400,111	$\frac{17}{28}$	896
450	$\frac{88,350}{197,137}$	99,998	$\frac{194,274}{197,137}$	450	$\frac{17,850}{39,427}$	100,001	$\frac{573}{39,427}$	22,199,887	$\frac{43}{111}$	22,200,112	$\frac{68}{111}$	888
454	$\frac{105,146}{193,601}$	99,998	$\frac{63,99}{193,601}$	454	$\frac{106,054}{193,599}$	100,001	$\frac{6,401}{193,599}$	21,999,886	$\frac{4}{11}$	22,000,113	$\frac{7}{11}$	880
458	$\frac{135,574}{190,097}$	99,998	$\frac{180,194}{190,097}$	458	$\frac{27,298}{38,019}$	100,001	$\frac{1,981}{38,019}$	21,799,885	$\frac{35}{109}$	21,800,114	$\frac{74}{109}$	872
462	$\frac{1,434}{1,493}$	99,998	$\frac{1,386}{1,493}$	462	$\frac{180,174}{186,623}$	100,001	$\frac{13,377}{186,623}$	21,599,884	$\frac{7}{27}$	21,600,115	$\frac{20}{27}$	864
467	$\frac{10,521}{36,637}$	99,998	$\frac{13,274}{36,637}$	467	$\frac{53,539}{183,183}$	100,001	$\frac{16,817}{183,183}$	21,399,883	$\frac{19}{107}$	21,400,116	$\frac{88}{107}$	856
471	$\frac{125,033}{179,777}$	99,998	$\frac{159,554}{179,777}$	471	$\frac{5,039}{7,191}$	100,001	$\frac{809}{7,191}$	21,199,882	$\frac{4}{53}$	21,200,117	$\frac{49}{53}$	848
476	$\frac{33,124}{176,401}$	99,998	$\frac{152,802}{176,401}$	476	$\frac{34,076}{176,399}$	100,001	$\frac{23,601}{176,399}$	20,999,880	$\frac{20}{21}$	21,000,119	$\frac{1}{21}$	840
480	$\frac{132,640}{173,057}$	99,998	$\frac{146,114}{173,057}$	480	$\frac{26,720}{34,611}$	100,001	$\frac{1,389}{34,611}$	20,799,879	$\frac{21}{26}$	20,800,120	$\frac{5}{26}$	832
485	$\frac{14,755}{33,949}$	99,998	$\frac{27,898}{33,949}$	485	$\frac{74,645}{169,743}$	100,001	$\frac{30,257}{169,743}$	20,599,878	$\frac{56}{103}$	20,600,121	$\frac{37}{103}$	824
490	$\frac{6,230}{33,293}$	99,998	$\frac{26,586}{33,293}$	490	$\frac{33,130}{166,463}$	100,001	$\frac{33,517}{166,463}$	20,399,877	$\frac{23}{51}$	20,400,122	$\frac{28}{51}$	816
495	$\frac{7,585}{163,217}$	99,998	$\frac{126,434}{163,217}$	495	$\frac{17,155}{32,643}$	100,001	$\frac{7,357}{32,643}$	20,199,876	$\frac{24}{101}$	20,200,123	$\frac{77}{101}$	808
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis				Numeri primi Bases



## CANONION TRIANGVLORVM

SERIES III.				SERIES II.				SERIES I.				
800	20,000,125		19,999,875	100,001	$\frac{40,001}{159,999}$	500	$\frac{500}{159,999}$	99,998	$\frac{120,002}{160,001}$	499	$\frac{159,501}{160,001}$	
796	19,900,125	$\frac{125}{199}$	19,899,874	$\frac{74}{199}$	100,001	$\frac{41,597}{158,403}$	502	$\frac{81,694}{158,403}$	99,998	$\frac{23,362}{31,681}$	502	$\frac{16,138}{31,681}$
792	19,800,126	$\frac{26}{99}$	19,799,873	$\frac{73}{99}$	100,001	$\frac{1,685}{31,363}$	505	$\frac{1,685}{31,363}$	99,998	$\frac{113,634}{156,817}$	505	$\frac{7,416}{156,817}$
788	19,700,126	$\frac{178}{197}$	19,699,873	$\frac{19}{197}$	100,001	$\frac{8,953}{31,047}$	507	$\frac{19,171}{31,047}$	99,998	$\frac{110,474}{155,237}$	507	$\frac{94,841}{155,237}$
784	19,600,127	$\frac{27}{49}$	19,599,872	$\frac{22}{49}$	100,001	$\frac{46,337}{153,663}$	510	$\frac{31,870}{153,663}$	99,998	$\frac{21,466}{30,733}$	510	$\frac{6,170}{30,733}$
780	19,500,128	$\frac{8}{39}$	19,499,871	$\frac{31}{39}$	100,001	$\frac{47,901}{152,099}$	512	$\frac{125,312}{152,099}$	99,998	$\frac{104,202}{152,101}$	512	$\frac{124,288}{152,101}$
776	19,400,128	$\frac{84}{97}$	19,399,871	$\frac{13}{97}$	100,001	$\frac{49,457}{150,743}$	515	$\frac{70,375}{150,743}$	99,998	$\frac{20,218}{30,109}$	515	$\frac{13,865}{30,109}$
772	19,300,129	$\frac{103}{193}$	19,299,870	$\frac{90}{193}$	100,001	$\frac{10,201}{29,799}$	518	$\frac{4,108}{29,799}$	99,998	$\frac{97,994}{148,997}$	518	$\frac{19,504}{148,997}$
768	19,200,130	$\frac{5}{24}$	19,199,869	$\frac{19}{24}$	100,001	$\frac{10,509}{29,491}$	520	$\frac{24,680}{29,491}$	99,998	$\frac{94,914}{147,457}$	520	$\frac{122,360}{147,457}$
764	19,100,130	$\frac{170}{191}$	19,099,869	$\frac{21}{191}$	100,001	$\frac{54,077}{145,923}$	523	$\frac{82,271}{145,923}$	99,998	$\frac{3,674}{5,837}$	523	$\frac{3,249}{5,837}$
760	19,000,131	$\frac{11}{19}$	18,999,868	$\frac{8}{19}$	100,001	$\frac{55,601}{144,399}$	526	$\frac{46,126}{144,399}$	99,998	$\frac{88,802}{144,401}$	526	$\frac{45,574}{144,401}$
756	18,900,132	$\frac{52}{189}$	18,899,867	$\frac{137}{189}$	100,001	$\frac{57,117}{142,883}$	529	$\frac{14,893}{142,883}$	99,998	$\frac{17,154}{28,577}$	529	$\frac{2,767}{28,577}$
752	18,800,132	$\frac{46}{47}$	18,799,867	$\frac{1}{47}$	100,001	$\frac{469}{1,131}$	531	$\frac{1,039}{1,131}$	99,998	$\frac{82,754}{141,377}$	531	$\frac{128,813}{141,377}$
748	18,700,133	$\frac{129}{187}$	18,699,866	$\frac{58}{187}$	100,001	$\frac{481}{1,119}$	534	$\frac{854}{1,119}$	99,998	$\frac{79,754}{139,877}$	534	$\frac{105,682}{139,877}$
744	18,600,134	$\frac{38}{93}$	18,599,865	$\frac{55}{93}$	100,001	$\frac{61,617}{138,383}$	537	$\frac{88,319}{138,383}$	99,998	$\frac{15,354}{27,677}$	537	$\frac{17,451}{27,677}$
740	18,500,135	$\frac{5}{37}$	18,499,864	$\frac{32}{37}$	100,001	$\frac{63,101}{136,899}$	540	$\frac{74,540}{136,899}$	99,998	$\frac{73,802}{136,901}$	540	$\frac{73,460}{136,901}$
736	18,400,135	$\frac{20}{23}$	18,399,864	$\frac{3}{23}$	100,001	$\frac{64,577}{135,423}$	543	$\frac{65,311}{135,423}$	99,998	$\frac{2,834}{5,417}$	543	$\frac{2,569}{5,417}$
732	18,300,136	$\frac{112}{183}$	18,299,863	$\frac{71}{183}$	100,001	$\frac{13,209}{26,791}$	546	$\frac{12,118}{26,791}$	99,998	$\frac{67,914}{133,957}$	546	$\frac{59,478}{133,957}$
728	18,200,137	$\frac{33}{91}$	18,199,862	$\frac{58}{91}$	100,001	$\frac{13,501}{26,499}$	549	$\frac{12,048}{26,499}$	99,998	$\frac{64,994}{132,497}$	549	$\frac{59,147}{132,497}$
724	18,100,138	$\frac{22}{181}$	18,099,861	$\frac{159}{181}$	100,001	$\frac{68,957}{131,043}$	552	$\frac{64,264}{131,043}$	99,998	$\frac{12,918}{26,209}$	552	$\frac{12,632}{26,209}$
720	18,000,138	$\frac{8}{9}$	17,999,861	$\frac{1}{9}$	100,001	$\frac{70,401}{129,599}$	555	$\frac{72,555}{129,599}$	99,998	$\frac{59,202}{129,601}$	555	$\frac{71,445}{129,601}$
716	17,900,139	$\frac{119}{179}$	17,899,860	$\frac{60}{179}$	100,001	$\frac{31,837}{128,163}$	558	$\frac{85,045}{128,163}$	99,998	$\frac{11,266}{25,633}$	558	$\frac{116,786}{25,633}$
712	17,800,140	$\frac{40}{89}$	17,799,859	$\frac{49}{89}$	100,001	$\frac{14,653}{25,347}$	561	$\frac{20,333}{25,347}$	99,998	$\frac{53,474}{126,737}$	561	$\frac{100,543}{126,737}$
708	17,700,141	$\frac{43}{177}$	17,699,858	$\frac{134}{177}$	100,001	$\frac{14,937}{25,063}$	564	$\frac{24,468}{25,063}$	99,998	$\frac{50,634}{125,317}$	564	$\frac{121,212}{125,317}$
704	17,600,142	$\frac{1}{22}$	17,599,857	$\frac{21}{22}$	100,001	$\frac{76,097}{123,903}$	568	$\frac{23,036}{123,903}$	99,998	$\frac{9,562}{24,781}$	568	$\frac{4,392}{24,781}$
700	17,500,142	$\frac{6}{7}$	17,499,857	$\frac{1}{7}$	100,001	$\frac{77,501}{122,499}$	571	$\frac{53,071}{122,499}$	99,998	$\frac{45,002}{122,501}$	571	$\frac{51,929}{122,501}$
696	17,400,143	$\frac{59}{87}$	17,399,856	$\frac{28}{87}$	100,001	$\frac{78,897}{121,103}$	574	$\frac{86,878}{121,103}$	99,998	$\frac{8,422}{24,221}$	574	$\frac{17,146}{24,221}$
692	17,300,144	$\frac{88}{173}$	17,299,855	$\frac{85}{173}$	100,001	$\frac{16,057}{23,943}$	578	$\frac{946}{23,943}$	99,998	$\frac{39,434}{119,717}$	578	$\frac{3,574}{119,717}$
688	17,200,145	$\frac{15}{43}$	17,199,854	$\frac{28}{43}$	100,001	$\frac{16,333}{23,667}$	581	$\frac{9,473}{23,667}$	99,998	$\frac{36,674}{118,337}$	581	$\frac{46,203}{118,337}$
684	17,100,146	$\frac{34}{171}$	17,099,853	$\frac{137}{171}$	100,001	$\frac{83,037}{116,963}$	584	$\frac{93,608}{116,963}$	99,998	$\frac{6,786}{23,393}$	584	$\frac{18,488}{23,393}$
680	17,000,147	$\frac{1}{17}$	16,999,852	$\frac{16}{17}$	100,001	$\frac{84,401}{115,599}$	588	$\frac{17,788}{115,599}$	99,998	$\frac{31,202}{115,601}$	588	$\frac{24,612}{115,601}$
676	16,900,147	$\frac{157}{169}$	16,899,852	$\frac{12}{169}$	100,001	$\frac{85,757}{114,243}$	591	$\frac{82,387}{114,243}$	99,998	$\frac{5,698}{22,849}$	591	$\frac{16,241}{22,849}$
Numeri pri- mi Bases.	Hypotenusa	Perpendiculum		Hypotenusa	Basis	Perpendiculum	Basis		Perpendiculum	Basis		
	100,000			100,000					100,000			
	Basis			Perpendiculum					Hypotenusa			



# LATERVM RATION ALIVM.

35

SERIES I.				SERIES II.				SERIES III.				
595	$\frac{26,285}{112,897}$	99,998	$\frac{25,794}{112,897}$	595	$\frac{5,495}{22,579}$	100,001	$\frac{17,421}{22,579}$	16,799,851	$\frac{4}{21}$	16,800,148	$\frac{17}{21}$	672
598	$\frac{88,914}{111,557}$	99,998	$\frac{23,114}{111,557}$	598	$\frac{18,022}{22,311}$	100,001	$\frac{17,689}{22,311}$	16,699,850	$\frac{50}{167}$	16,700,149	$\frac{117}{167}$	668
602	$\frac{1,782}{4,409}$	99,998	$\frac{818}{4,409}$	602	$\frac{45,754}{110,223}$	100,001	$\frac{89,777}{110,223}$	16,599,849	$\frac{33}{83}$	16,600,150	$\frac{50}{83}$	664
606	$\frac{5,994}{108,901}$	99,998	$\frac{17,802}{108,901}$	606	$\frac{7,200}{108,899}$	100,001	$\frac{91,101}{108,899}$	16,499,848	$\frac{16}{33}$	16,500,151	$\frac{17}{33}$	660
609	$\frac{16,147}{21,517}$	99,998	$\frac{3,034}{21,517}$	609	$\frac{81,953}{107,583}$	100,001	$\frac{92,417}{107,583}$	16,399,847	$\frac{23}{41}$	16,400,152	$\frac{18}{41}$	656
613	$\frac{52,199}{106,277}$	99,998	$\frac{12,554}{106,277}$	613	$\frac{2,137}{4,251}$	100,001	$\frac{3,749}{4,251}$	16,299,846	$\frac{102}{163}$	16,300,153	$\frac{61}{163}$	652
617	$\frac{29,191}{104,997}$	99,998	$\frac{9,954}{104,997}$	617	$\frac{1,217}{4,199}$	100,001	$\frac{3,801}{4,199}$	16,199,845	$\frac{155}{162}$	16,200,154	$\frac{7}{162}$	648
621	$\frac{2,323}{20,737}$	99,998	$\frac{1,474}{20,737}$	621	$\frac{12,857}{103,683}$	100,001	$\frac{96,317}{103,683}$	16,099,844	$\frac{116}{161}$	16,100,155	$\frac{45}{161}$	644
624	$\frac{101,776}{102,401}$	99,998	$\frac{4,802}{102,401}$	625	$\frac{625}{102,399}$	100,001	$\frac{97,601}{102,399}$	15,999,843	$\frac{3}{4}$	16,000,156	$\frac{1}{4}$	640
628	$\frac{768}{809}$	99,998	$\frac{18}{809}$	628	$\frac{94,756}{101,123}$	100,001	$\frac{98,877}{101,123}$	15,899,842	$\frac{122}{159}$	15,900,157	$\frac{37}{159}$	636
632	$\frac{90,366}{99,857}$	99,997	$\frac{99,571}{99,857}$	632	$\frac{18,326}{19,971}$	100,002	$\frac{58}{19,971}$	15,799,841	$\frac{61}{79}$	15,800,158	$\frac{18}{79}$	632
636	$\frac{92,308}{98,597}$	99,997	$\frac{95,791}{98,597}$	636	$\frac{18,716}{19,719}$	100,002	$\frac{562}{19,719}$	15,699,840	$\frac{120}{157}$	15,700,159	$\frac{37}{157}$	628
641	$\frac{371}{19,469}$	99,997	$\frac{18,407}{19,469}$	641	$\frac{3,131}{97,343}$	100,002	$\frac{5,314}{97,343}$	15,599,839	$\frac{29}{39}$	15,600,160	$\frac{10}{39}$	624
645	$\frac{14,855}{96,101}$	99,997	$\frac{88,303}{96,101}$	645	$\frac{16,145}{96,099}$	100,002	$\frac{7,802}{96,099}$	15,499,838	$\frac{22}{31}$	15,500,161	$\frac{9}{31}$	620
649	$\frac{6,523}{18,973}$	99,997	$\frac{16,919}{18,973}$	649	$\frac{33,913}{94,863}$	100,002	$\frac{10,274}{94,863}$	15,399,837	$\frac{51}{77}$	15,400,162	$\frac{26}{77}$	616
653	$\frac{54,839}{93,637}$	99,997	$\frac{81,911}{93,637}$	653	$\frac{11,229}{18,727}$	100,002	$\frac{2,546}{18,727}$	15,299,836	$\frac{92}{153}$	15,300,163	$\frac{61}{153}$	612
657	$\frac{82,031}{92,417}$	99,997	$\frac{77,251}{92,417}$	657	$\frac{16,669}{18,483}$	100,002	$\frac{3,034}{18,483}$	15,199,835	$\frac{10}{19}$	15,200,164	$\frac{9}{19}$	608
662	$\frac{4,458}{18,241}$	99,997	$\frac{14,723}{18,241}$	662	$\frac{23,614}{91,203}$	100,002	$\frac{17,594}{91,203}$	15,099,834	$\frac{66}{151}$	15,100,165	$\frac{85}{151}$	604
666	$\frac{59,334}{90,001}$	99,997	$\frac{70,002}{90,001}$	666	$\frac{60,666}{89,999}$	100,002	$\frac{20,003}{89,999}$	14,999,833	$\frac{1}{3}$	15,000,166	$\frac{2}{3}$	600
671	$\frac{2,369}{17,761}$	99,997	$\frac{13,283}{17,761}$	671	$\frac{13,187}{88,803}$	100,002	$\frac{22,394}{88,803}$	14,899,832	$\frac{32}{149}$	14,900,167	$\frac{117}{149}$	596
675	$\frac{58,525}{87,617}$	99,997	$\frac{62,841}{87,617}$	675	$\frac{11,975}{17,523}$	100,002	$\frac{4,956}{17,523}$	14,799,831	$\frac{3}{37}$	14,800,168	$\frac{34}{37}$	592
681	$\frac{4,568}{15,287}$	99,997	$\frac{11,861}{15,287}$	681	$\frac{24,202}{86,433}$	100,002	$\frac{27,130}{86,433}$	14,699,829	$\frac{137}{147}$	14,700,170	$\frac{10}{147}$	588
684	$\frac{15,748}{17,053}$	99,997	$\frac{11,159}{17,053}$	684	$\frac{81,018}{85,263}$	100,002	$\frac{29,474}{85,263}$	14,599,828	$\frac{56}{73}$	14,600,171	$\frac{17}{73}$	584
689	$\frac{54,411}{84,101}$	99,997	$\frac{52,303}{84,101}$	689	$\frac{55,789}{84,099}$	100,002	$\frac{31,802}{84,099}$	14,499,827	$\frac{17}{29}$	14,500,172	$\frac{12}{29}$	580
694	$\frac{7,234}{16,589}$	99,997	$\frac{9,767}{16,589}$	694	$\frac{37,558}{82,943}$	100,002	$\frac{34,114}{82,943}$	14,399,826	$\frac{7}{18}$	14,400,173	$\frac{11}{18}$	576
699	$\frac{23,897}{81,797}$	99,997	$\frac{45,391}{81,797}$	699	$\frac{5,059}{16,359}$	100,002	$\frac{7,282}{16,359}$	14,299,825	$\frac{25}{143}$	14,300,174	$\frac{118}{143}$	572
704	$\frac{6,112}{80,657}$	99,997	$\frac{41,971}{80,657}$	704	$\frac{1,504}{16,131}$	100,002	$\frac{7,738}{16,131}$	14,199,823	$\frac{139}{142}$	14,200,176	$\frac{3}{142}$	568
709	$\frac{671}{3,181}$	99,997	$\frac{1,543}{3,181}$	709	$\frac{18,193}{79,523}$	100,002	$\frac{40,954}{79,523}$	14,099,822	$\frac{98}{141}$	14,100,177	$\frac{43}{141}$	564
714	$\frac{21,686}{78,401}$	99,997	$\frac{35,203}{78,401}$	714	$\frac{23,114}{78,399}$	100,002	$\frac{43,202}{78,399}$	13,999,821	$\frac{3}{7}$	14,000,178	$\frac{4}{7}$	560
719	$\frac{6,417}{15,457}$	99,997	$\frac{6,371}{15,457}$	719	$\frac{33,523}{77,283}$	100,002	$\frac{45,434}{77,283}$	13,899,820	$\frac{20}{139}$	13,900,179	$\frac{119}{139}$	556
724	$\frac{47,852}{76,177}$	99,997	$\frac{28,529}{76,177}$	724	$\frac{9,860}{15,243}$	100,002	$\frac{5,729}{15,243}$	13,799,818	$\frac{58}{69}$	13,800,181	$\frac{11}{69}$	552
729	$\frac{74,347}{75,077}$	99,997	$\frac{25,231}{75,077}$	730	$\frac{146}{15,015}$	100,002	$\frac{1,994}{3,003}$	13,699,817	$\frac{137}{274}$	13,700,182	$\frac{137}{274}$	548
735	$\frac{4,205}{14,797}$	99,667	$\frac{4,391}{14,797}$	735	$\frac{2,2495}{73,983}$	100,002	$\frac{52,034}{73,983}$	13,599,816	$\frac{3}{17}$	13,600,183	$\frac{14}{17}$	544
740	$\frac{53,260}{72,901}$	99,997	$\frac{18,703}{72,901}$	740	$\frac{54,740}{72,899}$	100,002	$\frac{54,200}{72,899}$	13,499,814	$\frac{22}{27}$	13,500,185	$\frac{5}{27}$	540
Basis Perpendicularum				Basis Hypotenusa				Perpendicularum Hypotenusa				Numeri primi Bascos.
100,000 Hypotenusa				100,000 Perpendicularum				100,000 Basis				



## CANONION TRIANGVLORVM

	SERIES III.				SERIES II.				SERIES I.			
536	13,400,186	$\frac{38}{67}$	13,399,813	$\frac{29}{67}$	100,002	$\frac{56,354}{71,823}$	746	$\frac{20,042}{71,823}$	99,997	$\frac{619}{2,873}$	746	$\frac{742}{2,873}$
532	13,300,187	$\frac{129}{133}$	13,299,812	$\frac{4}{133}$	100,002	$\frac{11,798}{14,151}$	751	$\frac{12,599}{14,151}$	99,997	$\frac{12,271}{70,757}$	751	$\frac{61,493}{70,757}$
528	13,200,189	$\frac{43}{33}$	13,199,810	$\frac{20}{33}$	100,002	$\frac{12,122}{13,939}$	757	$\frac{8,177}{13,939}$	99,997	$\frac{9,091}{69,697}$	757	$\frac{39,371}{69,697}$
524	13,100,190	$\frac{110}{131}$	13,099,809	$\frac{21}{131}$	100,002	$\frac{62,714}{68,643}$	763	$\frac{25,391}{68,643}$	99,997	$\frac{787}{13,729}$	763	$\frac{4,773}{13,729}$
520	13,000,192	$\frac{4}{13}$	12,999,807	$\frac{9}{13}$	100,002	$\frac{64,802}{67,599}$	769	$\frac{6,369}{67,599}$	99,997	$\frac{2,803}{67,601}$	769	$\frac{4,831}{67,601}$
516	12,900,193	$\frac{103}{125}$	12,899,806	$\frac{26}{125}$	100,003	$\frac{311}{66,563}$	775	$\frac{13,675}{66,563}$	99,996	$\frac{13,252}{53,313}$	775	$\frac{2,565}{53,313}$
512	12,800,195	$\frac{5}{16}$	12,799,804	$\frac{11}{16}$	100,003	$\frac{679}{13,107}$	781	$\frac{3,433}{13,107}$	99,996	$\frac{62,148}{65,537}$	781	$\frac{15,603}{65,537}$
508	12,700,196	$\frac{108}{127}$	12,699,803	$\frac{19}{127}$	101,003	$\frac{1,291}{22,903}$	787	$\frac{5,339}{22,903}$	99,996	$\frac{58,068}{64,517}$	787	$\frac{25,121}{64,517}$
504	12,600,198	$\frac{26}{63}$	12,599,801	$\frac{37}{63}$	100,003	$\frac{9,491}{63,503}$	793	$\frac{42,121}{63,503}$	99,996	$\frac{10,804}{12,701}$	793	$\frac{8,107}{12,701}$
500	12,500,200		12,499,800		100,003	$\frac{12,503}{62,499}$	800	$\frac{800}{62,499}$	99,996	$\frac{50,004}{62,501}$	799	$\frac{61,701}{62,501}$
496	12,400,201	$\frac{19}{31}$	12,399,798	$\frac{12}{31}$	100,003	$\frac{15,491}{61,503}$	806	$\frac{28,582}{61,503}$	99,996	$\frac{9,204}{22,301}$	806	$\frac{5,394}{22,301}$
492	12,300,203	$\frac{31}{123}$	12,299,796	$\frac{92}{123}$	100,003	$\frac{3,691}{12,103}$	813	$\frac{261}{12,103}$	99,996	$\frac{42,068}{60,517}$	812	$\frac{60,196}{60,517}$
488	12,200,204	$\frac{56}{61}$	12,199,795	$\frac{5}{61}$	100,003	$\frac{4,279}{11,907}$	819	$\frac{8,167}{11,907}$	99,996	$\frac{38,148}{59,537}$	819	$\frac{39,197}{59,537}$
484	12,100,206	$\frac{74}{121}$	12,099,793	$\frac{47}{121}$	100,003	$\frac{24,311}{58,563}$	826	$\frac{26,962}{58,563}$	99,996	$\frac{6,852}{11,713}$	826	$\frac{5,062}{11,713}$
480	12,000,208	$\frac{1}{3}$	11,999,791	$\frac{2}{3}$	100,003	$\frac{27,203}{57,599}$	833	$\frac{20,033}{57,599}$	99,996	$\frac{30,404}{57,601}$	833	$\frac{18,367}{57,601}$
476	11,900,210	$\frac{10}{119}$	11,899,789	$\frac{109}{119}$	100,003	$\frac{30,071}{56,643}$	840	$\frac{19,880}{56,643}$	99,996	$\frac{5,316}{11,329}$	840	$\frac{3,640}{11,329}$
472	11,800,211	$\frac{51}{59}$	11,799,788	$\frac{8}{59}$	100,003	$\frac{6,583}{11,129}$	847	$\frac{5,267}{11,129}$	99,996	$\frac{22,788}{55,697}$	847	$\frac{24,641}{55,697}$
468	11,700,213	$\frac{79}{117}$	11,699,786	$\frac{38}{117}$	100,003	$\frac{7,147}{10,951}$	854	$\frac{7,846}{10,951}$	99,996	$\frac{19,028}{54,757}$	854	$\frac{37,522}{54,757}$
464	11,600,215	$\frac{15}{29}$	11,599,784	$\frac{14}{29}$	100,003	$\frac{38,531}{53,823}$	862	$\frac{4,574}{53,823}$	99,996	$\frac{612}{2,153}$	862	$\frac{114}{2,153}$
460	11,500,217	$\frac{9}{23}$	11,499,782	$\frac{14}{23}$	100,003	$\frac{41,303}{52,800}$	869	$\frac{30,769}{52,800}$	99,996	$\frac{11,604}{52,901}$	869	$\frac{29,031}{52,901}$
456	11,400,219	$\frac{17}{57}$	11,399,780	$\frac{40}{57}$	100,003	$\frac{44,051}{51,983}$	877	$\frac{10,909}{51,983}$	99,996	$\frac{1,588}{10,397}$	877	$\frac{1,831}{10,397}$
452	11,300,221	$\frac{27}{113}$	11,299,778	$\frac{86}{113}$	100,003	$\frac{1,871}{2,043}$	884	$\frac{1,988}{2,043}$	99,996	$\frac{4,303}{51,077}$	884	$\frac{47,932}{51,077}$
448	11,200,223	$\frac{3}{14}$	11,199,776	$\frac{11}{14}$	100,003	$\frac{1,979}{2,007}$	892	$\frac{1,756}{2,007}$	99,996	$\frac{708}{50,177}$	892	$\frac{42,116}{50,177}$
444	11,100,225	$\frac{25}{111}$	11,099,774	$\frac{86}{111}$	100,004	$\frac{2,868}{49,283}$	900	$\frac{45,300}{49,283}$	99,995	$\frac{9,285}{9,857}$	900	$\frac{8,700}{9,857}$
440	11,000,227	$\frac{3}{21}$	10,999,772	$\frac{8}{21}$	100,004	$\frac{6,404}{48,399}$	909	$\frac{5,309}{48,399}$	99,995	$\frac{42,005}{48,401}$	909	$\frac{3,491}{48,401}$
436	10,900,229	$\frac{39}{109}$	10,899,770	$\frac{70}{109}$	100,004	$\frac{9,908}{47,523}$	917	$\frac{21,409}{47,523}$	99,995	$\frac{1,505}{1,901}$	917	$\frac{783}{1,901}$
432	10,800,231	$\frac{13}{27}$	10,799,768	$\frac{14}{27}$	100,004	$\frac{2,676}{9,331}$	929	$\frac{8,825}{9,331}$	99,995	$\frac{33,285}{46,657}$	925	$\frac{42,275}{46,657}$
428	10,700,233	$\frac{69}{107}$	10,699,766	$\frac{38}{107}$	100,004	$\frac{3,364}{9,159}$	934	$\frac{5,494}{9,159}$	99,995	$\frac{28,985}{45,797}$	934	$\frac{25,602}{45,797}$
424	10,600,235	$\frac{45}{53}$	10,599,764	$\frac{8}{53}$	100,004	$\frac{20,228}{44,943}$	943	$\frac{18,751}{44,943}$	99,995	$\frac{4,145}{8,989}$	943	$\frac{3,373}{8,989}$
420	10,500,238	$\frac{2}{21}$	10,499,761	$\frac{19}{21}$	100,004	$\frac{23,604}{44,099}$	952	$\frac{17,752}{44,099}$	99,995	$\frac{20,505}{44,101}$	952	$\frac{15,848}{44,101}$
416	10,400,240	$\frac{5}{13}$	10,399,759	$\frac{8}{13}$	100,004	$\frac{26,948}{43,263}$	961	$\frac{24,257}{43,263}$	99,995	$\frac{3,265}{8,653}$	961	$\frac{4,467}{8,653}$
412	10,300,242	$\frac{74}{103}$	10,299,757	$\frac{29}{103}$	100,004	$\frac{6,052}{8,487}$	970	$\frac{7,610}{8,487}$	99,995	$\frac{12,185}{42,437}$	970	$\frac{36,110}{42,437}$
408	10,200,245	$\frac{5}{51}$	10,199,754	$\frac{46}{51}$	100,004	$\frac{6,708}{8,323}$	980	$\frac{3,460}{8,323}$	99,995	$\frac{8,085}{41,617}$	980	$\frac{15,340}{41,617}$
404	10,100,247	$\frac{53}{101}$	10,099,752	$\frac{48}{101}$	100,004	$\frac{36,788}{40,803}$	990	$\frac{5,030}{40,803}$	99,995	$\frac{805}{8,161}$	990	$\frac{610}{8,161}$

Numeri primi  
Bases.

Hypotenusa

Perpendicularum

100,000

Basis

Hypotenusa

Basis

100,000

Perpendicularum

Perpendicularum

Basis

100,000

Hypotenusa



# LATERVM RATIONALIVM.

37

SERIES I.				SERIES II.				SERIES III.			
999	$\frac{39,001}{40,001}$	99,995	$\frac{5}{40,001}$	1,000	$\frac{1,000}{39,999}$	100,005	$\frac{5}{39,999}$	9,999,750		10,000,250	400
1,004	$\frac{19,796}{19,801}$	99,994	$\frac{18,806}{19,801}$	1,005	$\frac{5}{99}$	100,005	$\frac{5}{99}$	9,949,748	$\frac{148}{199}$	9,950,251	$\frac{51}{199}$ 398
1,010	$\frac{7,841}{7,841}$	99,994	$\frac{7,046}{7,841}$	1,010	$\frac{4,970}{39,203}$	100,005	$\frac{3,985}{39,203}$	9,899,747	$\frac{47}{99}$	9,900,252	$\frac{52}{99}$ 396
1,015	$\frac{785}{3,881}$	99,994	$\frac{3,286}{3,881}$	1,015	$\frac{1,235}{4,851}$	100,005	$\frac{149}{9,702}$	9,849,746	$\frac{38}{197}$	9,850,253	$\frac{159}{197}$ 394
1,020	$\frac{14,660}{38,417}$	99,994	$\frac{30,502}{38,417}$	1,020	$\frac{3,340}{7,683}$	100,005	$\frac{1,585}{7,683}$	9,799,744	$\frac{44}{49}$	9,800,255	$\frac{5}{49}$ 392
1,025	$\frac{11,675}{19,013}$	99,994	$\frac{14,078}{19,013}$	1,025	$\frac{3,175}{4,753}$	100,005	$\frac{1,235}{4,753}$	9,749,743	$\frac{23}{39}$	9,750,256	$\frac{16}{39}$ 390
1,030	$\frac{33,890}{37,637}$	99,994	$\frac{25,822}{37,637}$	1,030	$\frac{7,190}{7,527}$	100,005	$\frac{2,365}{7,527}$	9,699,742	$\frac{26}{97}$	9,700,257	$\frac{71}{97}$ 388
1,036	$\frac{36}{149}$	99,994	$\frac{94}{149}$	1,036	$\frac{172}{581}$	100,005	$\frac{215}{581}$	9,649,740	$\frac{180}{193}$	9,650,259	$\frac{13}{193}$ 386
1,041	$\frac{4,707}{7,373}$	99,994	$\frac{4,238}{7,373}$	1,041	$\frac{25,617}{36,863}$	100,005	$\frac{15,685}{36,863}$	9,599,739	$\frac{7}{12}$	9,600,260	$\frac{5}{12}$ 384
1,047	$\frac{1,673}{18,241}$	99,994	$\frac{9,446}{18,241}$	1,047	$\frac{17}{114}$	100,005	$\frac{55}{228}$	9,549,738	$\frac{42}{191}$	9,550,261	$\frac{149}{191}$ 382
1,052	$\frac{21,748}{36,101}$	99,994	$\frac{16,606}{36,101}$	1,052	$\frac{23,852}{36,099}$	100,005	$\frac{19,505}{36,099}$	9,499,736	$\frac{16}{19}$	9,500,263	$\frac{3}{19}$ 380
1,058	$\frac{3,062}{17,861}$	99,994	$\frac{7,166}{17,861}$	1,058	$\frac{23}{893}$	100,005	$\frac{535}{893}$	9,449,735	$\frac{85}{189}$	9,450,264	$\frac{104}{189}$ 378
1,063	$\frac{5,653}{7,069}$	99,994	$\frac{2,434}{7,069}$	1,063	$\frac{30,391}{35,343}$	100,005	$\frac{23,185}{35,343}$	9,399,734	$\frac{2}{47}$	9,400,265	$\frac{45}{47}$ 376
1,069	$\frac{1,707}{3,497}$	99,994	$\frac{982}{3,497}$	1,069	$\frac{2,401}{4,371}$	100,005	$\frac{3,145}{4,371}$	9,349,732	$\frac{126}{187}$	9,350,267	$\frac{61}{187}$ 374
1,075	$\frac{8,225}{34,597}$	99,994	$\frac{7,582}{34,597}$	1,075	$\frac{2,075}{6,919}$	100,005	$\frac{5,405}{6,919}$	9,299,731	$\frac{17}{93}$	9,300,268	$\frac{76}{93}$ 372
1,081	$\frac{847}{17,113}$	99,994	$\frac{2,678}{17,113}$	1,081	$\frac{241}{2,139}$	100,005	$\frac{1,805}{2,139}$	9,249,729	$\frac{27}{37}$	9,250,270	$\frac{10}{37}$ 370
1,086	$\frac{31,298}{33,857}$	99,994	$\frac{3,142}{33,857}$	1,086	$\frac{6,694}{6,791}$	100,005	$\frac{6,145}{6,791}$	9,199,728	$\frac{6}{23}$	9,200,271	$\frac{17}{23}$ 368
1,092	$\frac{892}{3,349}$	99,994	$\frac{94}{3,349}$	1,092	$\frac{694}{2,093}$	100,005	$\frac{2,035}{2,093}$	9,149,726	$\frac{142}{183}$	9,150,273	$\frac{41}{183}$ 366
1,098	$\frac{30}{53}$	99,993	$\frac{51}{53}$	1,098	$\frac{6,982}{11,041}$	100,006	$\frac{1,262}{33,123}$	9,099,725	$\frac{25}{141}$	9,100,274	$\frac{116}{141}$ 364
1,104	$\frac{15,376}{16,381}$	99,993	$\frac{24,667}{16,381}$	1,104	$\frac{74}{819}$	100,006	$\frac{86}{819}$	9,049,723	$\frac{137}{181}$	9,050,276	$\frac{44}{181}$ 362
1,111	$\frac{2,489}{32,401}$	99,993	$\frac{26,807}{32,401}$	1,111	$\frac{4,711}{32,399}$	100,006	$\frac{5,606}{32,399}$	8,999,722	$\frac{2}{9}$	9,000,277	$\frac{7}{9}$ 360
1,117	$\frac{4,543}{16,021}$	99,993	$\frac{12,147}{16,021}$	1,117	$\frac{283}{801}$	100,006	$\frac{194}{801}$	8,949,720	$\frac{120}{179}$	8,950,279	$\frac{59}{179}$ 358
1,123	$\frac{3,549}{6,337}$	99,993	$\frac{4,159}{6,337}$	1,123	$\frac{19,991}{31,683}$	100,006	$\frac{9,902}{31,683}$	8,899,719	$\frac{9}{89}$	8,900,280	$\frac{80}{89}$ 356
1,129	$\frac{2,843}{3,133}$	99,993	$\frac{1,931}{3,133}$	1,129	$\frac{15,343}{15,664}$	100,006	$\frac{376}{979}$	8,849,717	$\frac{91}{177}$	8,850,282	$\frac{86}{177}$ 354
1,136	$\frac{10,128}{30,977}$	99,993	$\frac{16,839}{30,977}$	1,136	$\frac{496}{1,239}$	100,006	$\frac{562}{1,239}$	8,799,715	$\frac{10}{11}$	8,800,284	$\frac{1}{11}$ 352
1,142	$\frac{12,554}{15,313}$	99,993	$\frac{7,191}{15,313}$	1,142	$\frac{856}{957}$	100,006	$\frac{508}{957}$	8,749,714	$\frac{2}{7}$	8,750,285	$\frac{5}{7}$ 350
1,149	$\frac{11,727}{30,277}$	99,993	$\frac{11,939}{30,277}$	1,149	$\frac{561}{1,211}$	100,006	$\frac{734}{1,211}$	8,699,712	$\frac{56}{87}$	8,700,287	$\frac{31}{87}$ 348
1,156	$\frac{92}{2,993}$	99,993	$\frac{951}{2,993}$	1,156	$\frac{404}{3,741}$	100,006	$\frac{2,594}{3,741}$	8,649,710	$\frac{170}{173}$	8,650,289	$\frac{3}{173}$ 346
1,162	$\frac{4,446}{5,917}$	99,993	$\frac{1,419}{5,917}$	1,162	$\frac{24,554}{29,583}$	100,006	$\frac{22,502}{29,583}$	8,599,709	$\frac{13}{43}$	8,600,290	$\frac{30}{43}$ 344
1,169	$\frac{8,052}{14,621}$	99,993	$\frac{2,347}{14,621}$	1,169	$\frac{9,221}{14,620}$	100,006	$\frac{6,141}{14,620}$	8,549,707	$\frac{103}{171}$	8,550,292	$\frac{568}{171}$ 342
1,176	$\frac{12,424}{28,901}$	99,993	$\frac{2,307}{28,901}$	1,176	$\frac{14,776}{28,899}$	100,006	$\frac{26,606}{28,899}$	8,499,705	$\frac{15}{17}$	8,500,294	$\frac{2}{17}$ 340
1,183	$\frac{5,577}{14,281}$	99,992	$\frac{14,248}{14,281}$	1,183	$\frac{169}{357}$	100,007	$\frac{1}{357}$	8,449,704	$\frac{24}{169}$	8,450,295	$\frac{145}{169}$ 338
Basis	Perpendicularum			Basis	Hypotenusa			Perpendicularum	Hypotenusa		Numeri primi Bases
100,000				100,000				100,000			
Hypotenusa				Perpendicularum				Basis			



## CANONION TRIANGVLORVM

	SERIES III.				SERIES II.				SERIES I.			
336	8,400,297	$\frac{13}{21}$	8,399,702	$\frac{8}{21}$	100,007	$\frac{2,439}{28,223}$	1,190	$\frac{14,630}{28,223}$	99,992	$\frac{1,032}{1,129}$	1,190	$\frac{490}{1,129}$
334	8,350,299	$\frac{67}{167}$	8,349,700	$\frac{100}{167}$	100,007	$\frac{299}{1,743}$	1,197	$\frac{1,129}{1,743}$	99,992	$\frac{2,312}{2,789}$	1,197	$\frac{1,567}{2,789}$
332	8,300,301	$\frac{17}{83}$	8,299,698	$\frac{66}{83}$	100,007	$\frac{1,423}{5,511}$	1,204	$\frac{4,756}{5,511}$	99,992	$\frac{20,456}{27,557}$	1,204	$\frac{21,372}{27,557}$
330	8,250,303	$\frac{1}{33}$	8,249,696	$\frac{32}{33}$	100,007	$\frac{1,189}{3,403}$	1,212	$\frac{564}{3,403}$	99,992	$\frac{8,904}{13,613}$	1,212	$\frac{1,044}{13,613}$
328	8,200,304	$\frac{36}{41}$	8,199,695	$\frac{5}{41}$	100,007	$\frac{2,347}{5,379}$	1,219	$\frac{2,999}{5,379}$	99,992	$\frac{15,176}{26,897}$	1,219	$\frac{12,557}{26,897}$
320	8,150,306	$\frac{122}{163}$	8,149,693	$\frac{41}{163}$	100,007	$\frac{1,753}{3,321}$	1,227	$\frac{8}{3,321}$	99,992	$\frac{1,256}{2,657}$	1,226	$\frac{2,518}{2,657}$
324	8,100,308	$\frac{52}{81}$	8,099,691	$\frac{29}{81}$	100,007	$\frac{16,299}{26,243}$	1,234	$\frac{16,138}{26,243}$	99,992	$\frac{1,991}{5,249}$	1,234	$\frac{2,734}{5,249}$
322	8,050,310	$\frac{90}{161}$	8,049,689	$\frac{71}{161}$	100,007	$\frac{58}{81}$	1,242	$\frac{23}{81}$	99,992	$\frac{3,688}{12,961}$	1,242	$\frac{2,438}{12,961}$
320	8,000,312	$\frac{1}{2}$	7,999,687	$\frac{1}{2}$	100,007	$\frac{20,807}{25,599}$	1,250	$\frac{1,250}{25,599}$	99,992	$\frac{4,808}{25,601}$	1,249	$\frac{24,351}{25,601}$
318	7,950,314	$\frac{74}{159}$	7,949,685	$\frac{85}{159}$	100,007	$\frac{71}{79}$	1,257	$\frac{71}{79}$	99,992	$\frac{1,128}{12,641}$	1,257	$\frac{10,263}{12,641}$
316	7,900,316	$\frac{36}{79}$	7,899,683	$\frac{43}{79}$	100,008	$\frac{296}{24,963}$	1,265	$\frac{21,805}{24,963}$	99,991	$\frac{4,937}{4,993}$	1,265	$\frac{3,855}{4,993}$
314	7,850,318	$\frac{74}{157}$	7,849,681	$\frac{83}{157}$	100,008	$\frac{352}{3,081}$	1,273	$\frac{2,887}{3,081}$	99,991	$\frac{437}{493}$	1,273	$\frac{411}{493}$
312	7,800,320	$\frac{20}{39}$	7,799,679	$\frac{19}{39}$	100,008	$\frac{1,054}{4,867}$	1,282	$\frac{506}{4,867}$	99,991	$\frac{19,033}{24,337}$	1,281	$\frac{24,303}{24,337}$
310	7,750,322	$\frac{18}{31}$	7,749,677	$\frac{13}{31}$	100,008	$\frac{1,977}{6,006}$	1,290	$\frac{2,233}{6,006}$	99,991	$\frac{8,117}{12,013}$	1,290	$\frac{3,226}{12,013}$
308	7,700,324	$\frac{52}{77}$	7,699,675	$\frac{25}{77}$	100,008	$\frac{2,056}{4,743}$	1,298	$\frac{3,586}{4,743}$	99,991	$\frac{13,453}{23,717}$	1,298	$\frac{15,334}{23,717}$
306	7,650,326	$\frac{122}{153}$	7,649,673	$\frac{31}{153}$	100,008	$\frac{796}{1,463}$	1,307	$\frac{359}{1,463}$	99,991	$\frac{1,069}{2,341}$	1,307	$\frac{313}{2,341}$
304	7,600,328	$\frac{18}{19}$	7,599,671	$\frac{1}{19}$	100,008	$\frac{15,176}{23,013}$	1,315	$\frac{19,555}{23,013}$	99,991	$\frac{1,589}{4,621}$	1,315	$\frac{3,386}{4,621}$
302	7,550,331	$\frac{19}{151}$	7,549,668	$\frac{132}{151}$	100,008	$\frac{44}{57}$	1,324	$\frac{32}{57}$	99,991	$\frac{2,609}{11,401}$	1,324	$\frac{7,076}{11,401}$
300	7,500,333	$\frac{1}{3}$	7,499,666	$\frac{2}{3}$	100,008	$\frac{20,008}{22,499}$	1,333	$\frac{8,833}{22,499}$	99,991	$\frac{2,509}{22,501}$	1,333	$\frac{6,167}{22,501}$
298	7,450,335	$\frac{85}{149}$	7,449,664	$\frac{64}{149}$	100,009	$\frac{1}{111}$	1,342	$\frac{38}{111}$	99,990	$\frac{11,010}{11,101}$	1,342	$\frac{2,458}{11,101}$
296	7,400,337	$\frac{31}{37}$	7,399,662	$\frac{6}{37}$	100,009	$\frac{2,873}{21,903}$	1,351	$\frac{9,047}{21,903}$	99,990	$\frac{3,810}{4,381}$	1,351	$\frac{1,269}{4,381}$
294	7,350,340	$\frac{20}{147}$	7,349,659	$\frac{127}{147}$	100,009	$\frac{691}{2,701}$	1,360	$\frac{1,640}{2,701}$	99,990	$\frac{1,610}{2,161}$	1,360	$\frac{1,040}{2,161}$
292	7,300,342	$\frac{34}{73}$	7,299,657	$\frac{39}{73}$	100,009	$\frac{1,633}{4,263}$	1,369	$\frac{3,953}{4,263}$	99,990	$\frac{13,170}{21,317}$	1,369	$\frac{17,027}{21,317}$
290	7,250,344	$\frac{24}{29}$	7,249,655	$\frac{5}{29}$	100,009	$\frac{337}{657}$	1,379	$\frac{247}{657}$	99,990	$\frac{5,130}{10,513}$	1,379	$\frac{2,573}{10,513}$
288	7,200,347	$\frac{2}{9}$	7,199,652	$\frac{7}{9}$	100,009	$\frac{2,677}{4,147}$	1,388	$\frac{3,964}{4,147}$	99,990	$\frac{7,370}{20,737}$	1,388	$\frac{17,044}{20,737}$
286	7,150,349	$\frac{90}{143}$	7,149,650	$\frac{50}{143}$	100,009	$\frac{499}{639}$	1,398	$\frac{428}{639}$	99,990	$\frac{90}{409}$	1,398	$\frac{218}{409}$
284	7,100,352	$\frac{8}{71}$	7,099,647	$\frac{63}{71}$	100,009	$\frac{18,533}{20,163}$	1,408	$\frac{10,496}{20,163}$	99,990	$\frac{330}{4,033}$	1,408	$\frac{1,536}{4,033}$
282	7,050,354	$\frac{86}{141}$	7,049,645	$\frac{55}{141}$	100,010	$\frac{30}{497}$	1,418	$\frac{254}{497}$	99,989	$\frac{9,351}{9,941}$	1,418	$\frac{3,662}{9,941}$
280	7,000,357	$\frac{1}{7}$	6,999,642	$\frac{6}{7}$	100,010	$\frac{4,010}{19,599}$	1,428	$\frac{12,628}{19,599}$	99,989	$\frac{15,611}{19,601}$	1,428	$\frac{9,772}{19,601}$
278	6,950,359	$\frac{94}{139}$	6,949,640	$\frac{45}{139}$	100,010	$\frac{170}{483}$	1,438	$\frac{446}{483}$	99,989	$\frac{6,271}{8,661}$	1,438	$\frac{7,482}{8,661}$
276	6,900,362	$\frac{22}{69}$	6,899,637	$\frac{47}{69}$	100,010	$\frac{9,570}{19,043}$	1,449	$\frac{6,693}{19,043}$	99,989	$\frac{1,899}{3,809}$	1,449	$\frac{759}{3,809}$
274	6,850,364	$\frac{132}{137}$	6,849,635	$\frac{5}{137}$	100,010	$\frac{770}{1,173}$	1,459	$\frac{1,093}{1,173}$	99,989	$\frac{647}{1,877}$	1,459	$\frac{1,457}{1,877}$
272	6,800,368	$\frac{11}{17}$	6,799,631	$\frac{6}{17}$	100,010	$\frac{3,010}{3,699}$	1,470	$\frac{2,470}{3,699}$	99,989	$\frac{3,467}{18,497}$	1,470	$\frac{9,401}{18,497}$
270	6,750,370	$\frac{1}{3}$	6,749,629	$\frac{2}{3}$	100,010	$\frac{1,110}{1,139}$	1,481	$\frac{1,889}{4,556}$	99,989	$\frac{243}{9,113}$	1,481	$\frac{2,297}{9,113}$
Numeri primi Bases.	Hypotenusa	Perpendiculum	Hypotenusa	Perpendiculum	Hypotenusa	Basis	Perpendiculum	Basis	Hypotenusa	Perpendiculum	Basis	Hypotenusa
	100,000		100,000		100,000		100,000		100,000			100,000
	Basis		Perpendiculum		Perpendiculum		Hypotenusa		Hypotenusa			Hypotenusa



LATERVM RATION ALIVM.

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SERIES I.				SERIES II.				SERIES III.			
1,492	$\frac{8,156}{17,957}$	99,988	$\frac{15,484}{17,957}$	1,492	$\frac{3,228}{3,591}$	100,011	$\frac{499}{3,591}$	6,699,626	$\frac{58}{67}$	6,700,373	$\frac{9}{67}$
1,503	$\frac{1,193}{1,769}$	99,988	$\frac{1,228}{1,769}$	1,503	$\frac{1,867}{2,211}$	100,011	$\frac{679}{2,211}$	6,649,624	$\frac{8}{133}$	6,650,375	$\frac{125}{133}$
1,515	$\frac{45}{697}$	99,988	$\frac{364}{697}$	1,515	$\frac{4,155}{17,423}$	100,011	$\frac{8,347}{17,423}$	6,599,621	$\frac{7}{33}$	6,600,378	$\frac{26}{33}$
1,526	$\frac{5,394}{8,581}$	99,988	$\frac{2,971}{8,581}$	1,526	$\frac{346}{429}$	100,011	$\frac{281}{429}$	6,549,618	$\frac{42}{131}$	6,550,381	$\frac{89}{131}$
1,538	$\frac{6,262}{16,901}$	99,988	$\frac{2,812}{16,901}$	1,538	$\frac{9,338}{16,899}$	100,011	$\frac{14,111}{16,899}$	6,499,615	$\frac{5}{13}$	6,500,384	$\frac{8}{13}$
1,550	$\frac{245}{8,321}$	99,987	$\frac{8,173}{8,321}$	1,550	$\frac{25}{52}$	100,012	$\frac{1}{52}$	6,449,612	$\frac{52}{129}$	6,450,387	$\frac{77}{129}$
1,562	$\frac{1,326}{3,277}$	99,987	$\frac{2,601}{3,277}$	1,562	$\frac{9,754}{16,383}$	100,012	$\frac{3,404}{16,383}$	6,399,609	$\frac{3}{8}$	6,400,390	$\frac{5}{8}$
1,574	$\frac{1,118}{1,613}$	99,987	$\frac{969}{1,613}$	1,574	$\frac{227}{252}$	100,012	$\frac{101}{252}$	6,349,606	$\frac{38}{127}$	6,350,393	$\frac{89}{127}$
1,587	$\frac{3,201}{15,877}$	99,987	$\frac{6,401}{15,877}$	1,587	$\frac{51}{127}$	100,012	$\frac{76}{127}$	6,299,603	$\frac{11}{63}$	6,300,396	$\frac{52}{63}$
1,599	$\frac{7,016}{7,813}$	99,987	$\frac{1,569}{7,813}$	1,600	$\frac{200}{1,953}$	100,012	$\frac{1,564}{1,953}$	6,249,600		6,250,400	
1,612	$\frac{12,276}{15,377}$	99,986	$\frac{15,278}{15,377}$	1,613	$\frac{5}{615}$	100,013	$\frac{5}{615}$	6,199,596	$\frac{24}{31}$	6,200,403	$\frac{7}{31}$
1,625	$\frac{1,375}{1,513}$	99,986	$\frac{1,182}{1,513}$	1,626	$\frac{234}{1,891}$	100,013	$\frac{417}{1,891}$	6,149,593	$\frac{61}{123}$	6,150,406	$\frac{62}{123}$
1,639	$\frac{697}{2,977}$	99,986	$\frac{1,678}{2,977}$	1,639	$\frac{6,763}{14,883}$	100,013	$\frac{6,521}{14,883}$	6,099,590	$\frac{11}{61}$	6,100,409	$\frac{50}{61}$
1,652	$\frac{5,708}{7,321}$	99,986	$\frac{2,494}{7,321}$	1,653	$\frac{1}{183}$	100,013	$\frac{121}{183}$	6,049,586	$\frac{94}{121}$	6,050,413	$\frac{27}{121}$
1,666	$\frac{7,934}{14,401}$	99,986	$\frac{1,614}{14,401}$	1,666	$\frac{11,266}{14,399}$	100,013	$\frac{12,813}{14,399}$	5,999,583	$\frac{1}{3}$	6,000,416	$\frac{2}{3}$
1,680	$\frac{3,920}{7,081}$	99,985	$\frac{6,215}{7,081}$	1,680	$\frac{140}{177}$	100,014	$\frac{22}{177}$	5,949,579	$\frac{99}{119}$	5,950,420	$\frac{20}{119}$
1,694	$\frac{442}{557}$	99,985	$\frac{355}{557}$	1,695	$\frac{515}{13,923}$	100,014	$\frac{5,078}{13,923}$	5,899,576	$\frac{11}{54}$	5,900,423	$\frac{43}{54}$
1,709	$\frac{379}{1,369}$	99,985	$\frac{355}{1,369}$	1,709	$\frac{901}{1,711}$	100,014	$\frac{146}{1,711}$	5,849,572	$\frac{76}{117}$	5,850,427	$\frac{41}{117}$
1,724	$\frac{132}{13,457}$	99,985	$\frac{1,855}{13,457}$	1,724	$\frac{716}{2,691}$	100,014	$\frac{2,326}{2,691}$	5,799,568	$\frac{28}{29}$	5,800,431	$\frac{1}{29}$
1,738	$\frac{6,606}{6,613}$	99,984	$\frac{5,808}{6,613}$	1,739	$\frac{433}{1,653}$	100,015	$\frac{205}{1,653}$	5,749,565	$\frac{5}{23}$	5,750,434	$\frac{18}{23}$
1,754	$\frac{3,262}{12,997}$	99,984	$\frac{7,952}{12,997}$	1,754	$\frac{1,354}{2,599}$	100,015	$\frac{1,015}{2,599}$	5,699,562	$\frac{23}{57}$	5,700,438	$\frac{34}{57}$
1,769	$\frac{987}{1,277}$	99,984	$\frac{432}{1,277}$	1,770	$\frac{20}{399}$	100,015	$\frac{265}{399}$	5,649,557	$\frac{64}{113}$	5,650,442	$\frac{49}{113}$
1,785	$\frac{1,435}{2,509}$	99,984	$\frac{144}{2,509}$	1,785	$\frac{10,745}{12,543}$	100,015	$\frac{11,855}{12,543}$	5,599,553	$\frac{4}{7}$	5,600,446	$\frac{3}{7}$
1,801	$\frac{4,039}{6,161}$	99,983	$\frac{4,737}{6,161}$	1,801	$\frac{73}{77}$	100,016	$\frac{18}{77}$	5,549,549	$\frac{61}{111}$	5,550,450	$\frac{50}{111}$
1,818	$\frac{382}{12,101}$	99,983	$\frac{5,717}{12,101}$	1,818	$\frac{4,018}{12,099}$	100,016	$\frac{6,466}{12,099}$	5,499,545	$\frac{5}{11}$	5,500,454	$\frac{6}{11}$
1,834	$\frac{4,206}{5,941}$	99,983	$\frac{997}{5,941}$	1,835	$\frac{201}{11,879}$	100,016	$\frac{9,936}{11,879}$	5,449,541	$\frac{31}{109}$	5,450,458	$\frac{78}{109}$
1,851	$\frac{1,617}{2,333}$	99,982	$\frac{1,994}{2,333}$	1,852	$\frac{124}{11,663}$	100,017	$\frac{1,729}{11,663}$	5,399,537	$\frac{1}{27}$	5,400,462	$\frac{26}{27}$
1,868	$\frac{228}{129}$	99,982	$\frac{122}{129}$	1,869	$\frac{461}{1,431}$	100,017	$\frac{673}{1,431}$	5,349,532	$\frac{76}{107}$	5,350,467	$\frac{31}{107}$
1,886	$\frac{7,018}{11,237}$	99,982	$\frac{2,266}{11,237}$	1,886	$\frac{2,158}{2,247}$	100,017	$\frac{1,801}{2,247}$	5,299,528	$\frac{16}{53}$	5,300,471	$\frac{37}{53}$
1,904	$\frac{3,248}{5,513}$	99,981	$\frac{4,747}{5,513}$	1,904	$\frac{644}{689}$	100,018	$\frac{98}{689}$	5,249,523	$\frac{17}{21}$	5,250,476	$\frac{4}{21}$
1,922	$\frac{9,726}{10,817}$	99,981	$\frac{5,523}{10,817}$	1,923	$\frac{551}{2,163}$	100,018	$\frac{166}{2,163}$	5,199,519	$\frac{7}{52}$	5,200,480	$\frac{45}{52}$
1,941	$\frac{599}{1,061}$	99,981	$\frac{159}{1,061}$	1,941	$\frac{617}{663}$	100,018	$\frac{566}{663}$	5,149,514	$\frac{58}{103}$	5,150,485	$\frac{45}{103}$
1,960	$\frac{1,240}{2,081}$	99,980	$\frac{1,620}{2,081}$	1,960	$\frac{10,120}{10,403}$	100,019	$\frac{2,343}{10,403}$	5,099,509	$\frac{41}{51}$	5,100,490	$\frac{10}{51}$
1,980	$\frac{20}{5,101}$	99,980	$\frac{2,020}{5,101}$	1,981	$\frac{20}{51}$	100,019	$\frac{31}{51}$	5,049,504	$\frac{96}{101}$	5,050,495	$\frac{5}{101}$
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis			
								Numeri primi Bases.			



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SERIES III.				SERIES II.				SERIES I.			
200	5,000,500		4,999,500	100,020	$\frac{20}{9,999}$	2,000	$\frac{2,000}{9,999}$	99,980	$\frac{20}{10,001}$	1,999	$\frac{8,001}{10,001}$
199	4,975,502	$\frac{102}{199}$	4,974,497	100,020	$\frac{8,060}{39,597}$	2,010	$\frac{10,030}{39,597}$	99,979	$\frac{6,341}{7,921}$	2,009	$\frac{6,711}{7,921}$
198	4,950,505	$\frac{5}{99}$	4,949,494	100,020	$\frac{20}{49}$	2,020	$\frac{20}{49}$	99,979	$\frac{2,921}{4,901}$	2,019	$\frac{4,881}{4,901}$
197	4,925,507	$\frac{121}{197}$	4,924,492	100,020	$\frac{4,780}{7,761}$	2,030	$\frac{5,170}{7,761}$	99,979	$\frac{15,073}{38,813}$	2,030	$\frac{9,610}{38,813}$
196	4,900,510	$\frac{10}{49}$	4,899,489	100,020	$\frac{7,940}{9,603}$	2,040	$\frac{5,960}{9,603}$	99,979	$\frac{341}{1,921}$	2,041	$\frac{376}{1,921}$
195	4,875,512	$\frac{32}{39}$	4,874,487	100,021	$\frac{1,559}{38,021}$	2,051	$\frac{18,929}{38,021}$	99,978	$\frac{36,638}{38,020}$	2,051	$\frac{2,521}{38,020}$
194	4,850,515	$\frac{45}{97}$	4,849,484	100,021	$\frac{38}{147}$	2,062	$\frac{11}{147}$	99,978	$\frac{701}{941}$	2,061	$\frac{599}{941}$
193	4,825,518	$\frac{26}{197}$	4,824,481	100,021	$\frac{8,571}{7,449}$	2,072	$\frac{5,672}{7,449}$	99,978	$\frac{19,566}{37,253}$	2,072	$\frac{11,784}{37,253}$
192	4,800,520	$\frac{5}{6}$	4,799,479	100,021	$\frac{1,297}{1,843}$	2,083	$\frac{1,031}{1,843}$	99,978	$\frac{2,774}{9,217}$	2,083	$\frac{989}{9,217}$
191	4,775,523	$\frac{107}{191}$	4,774,476	100,021	$\frac{33,983}{36,477}$	2,094	$\frac{17,162}{36,477}$	99,978	$\frac{534}{7,297}$	2,094	$\frac{82}{7,297}$
190	4,750,526	$\frac{6}{19}$	4,749,473	100,022	$\frac{23}{141}$	2,105	$\frac{70}{141}$	99,977	$\frac{3,799}{4,513}$	2,105	$\frac{135}{4,513}$
189	4,725,529	$\frac{19}{189}$	4,724,470	100,022	$\frac{14,226}{35,717}$	2,116	$\frac{22,828}{35,717}$	99,977	$\frac{867}{1,429}$	2,116	$\frac{236}{1,429}$
188	4,700,531	$\frac{44}{47}$	4,699,468	100,022	$\frac{1,126}{1,767}$	2,127	$\frac{1,595}{1,767}$	99,977	$\frac{3,251}{8,837}$	2,127	$\frac{3,701}{8,837}$
187	4,675,534	$\frac{142}{187}$	4,674,465	100,022	$\frac{6,154}{6,993}$	2,139	$\frac{1,973}{6,993}$	99,977	$\frac{4,379}{34,973}$	2,138	$\frac{27,726}{34,973}$
186	4,650,537	$\frac{59}{93}$	4,649,462	100,023	$\frac{137}{1,081}$	2,150	$\frac{850}{1,081}$	99,976	$\frac{143}{173}$	2,150	$\frac{50}{173}$
185	4,625,540	$\frac{20}{37}$	4,624,459	100,023	$\frac{12,917}{34,221}$	2,162	$\frac{14,198}{34,221}$	99,976	$\frac{21,496}{34,229}$	2,161	$\frac{31,131}{34,229}$
184	4,600,543	$\frac{11}{23}$	4,599,456	100,023	$\frac{5,351}{8,463}$	2,174	$\frac{1,438}{8,463}$	99,976	$\frac{632}{1,693}$	2,173	$\frac{1,111}{1,693}$
183	4,575,546	$\frac{82}{183}$	4,574,453	100,023	$\frac{5,969}{6,697}$	2,186	$\frac{358}{6,697}$	99,976	$\frac{3,832}{33,493}$	2,185	$\frac{17,795}{33,493}$
182	4,550,549	$\frac{41}{91}$	4,549,450	100,024	$\frac{32}{207}$	2,198	$\frac{14}{207}$	99,975	$\frac{3,525}{4,141}$	2,197	$\frac{2,223}{4,141}$
181	4,525,552	$\frac{88}{181}$	4,524,447	100,024	$\frac{13,832}{32,757}$	2,210	$\frac{7,030}{32,757}$	99,975	$\frac{3,825}{6,553}$	2,209	$\frac{4,423}{6,553}$
180	4,500,555	$\frac{5}{9}$	4,499,444	100,024	$\frac{5,624}{8,099}$	2,222	$\frac{4,022}{8,099}$	99,975	$\frac{2,525}{8,101}$	2,221	$\frac{7,679}{8,101}$
179	4,475,558	$\frac{118}{179}$	4,474,441	100,024	$\frac{31,112}{32,037}$	2,234	$\frac{29,342}{32,037}$	99,975	$\frac{225}{6,409}$	2,234	$\frac{2,294}{6,409}$
178	4,450,561	$\frac{71}{89}$	4,449,438	100,025	$\frac{25}{99}$	2,247	$\frac{11}{22}$	99,974	$\frac{5,972}{7,922}$	2,246	$\frac{7,188}{7,922}$
177	4,425,564	$\frac{172}{177}$	4,424,435	100,025	$\frac{675}{1,253}$	2,260	$\frac{220}{1,253}$	99,974	$\frac{14,658}{31,333}$	2,259	$\frac{18,753}{31,333}$
176	4,400,567	$\frac{2}{11}$	4,399,432	100,025	$\frac{6,425}{7,743}$	2,273	$\frac{161}{7,743}$	99,974	$\frac{274}{1,549}$	2,272	$\frac{672}{1,549}$
175	4,375,571	$\frac{3}{7}$	4,374,428	100,026	$\frac{3,854}{30,621}$	2,286	$\frac{394}{30,621}$	99,973	$\frac{26,983}{30,629}$	2,285	$\frac{12,735}{30,629}$
174	4,350,574	$\frac{62}{87}$	4,349,425	100,026	$\frac{202}{473}$	2,299	$\frac{73}{473}$	99,973	$\frac{439}{757}$	2,298	$\frac{414}{757}$
173	4,325,578	$\frac{6}{173}$	4,324,421	100,026	$\frac{878}{1,197}$	2,312	$\frac{536}{1,197}$	99,973	$\frac{8,191}{29,933}$	2,311	$\frac{24,837}{29,933}$
172	4,300,581	$\frac{17}{43}$	4,299,418	100,027	$\frac{67}{1,479}$	2,325	$\frac{1,325}{1,479}$	99,972	$\frac{6,116}{7,397}$	2,325	$\frac{1,975}{7,397}$
171	4,275,584	$\frac{136}{171}$	4,274,415	100,027	$\frac{10,601}{29,237}$	2,340	$\frac{4,100}{29,237}$	99,972	$\frac{3,772}{5,849}$	2,339	$\frac{2,789}{5,849}$
170	4,250,588	$\frac{4}{17}$	4,249,411	100,027	$\frac{619}{903}$	2,353	$\frac{241}{903}$	99,972	$\frac{1,164}{3,613}$	2,352	$\frac{2,224}{3,613}$
169	4,225,591	$\frac{121}{169}$	4,224,408	100,028	$\frac{404}{28,557}$	2,367	$\frac{5,581}{28,557}$	99,971	$\frac{5,676}{5,713}$	2,366	$\frac{3,042}{5,713}$
Numeri pri- mi Bases.	Hypotenusa 100,000 Basis			Hypotenusa 100,000 Perpendicularum.			Basis Perpendicularum 100,000 Hypotenusa				



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SERIES I.				SERIES II.				SERIES III.				
2,382	$\frac{3,666}{7,057}$	99,971	$\frac{4,653}{7,057}$	2,383	$\frac{275}{1,411}$	100,018	$\frac{429}{1,411}$	4,199,404	$\frac{2}{7}$	4,200,595	$\frac{5}{7}$	168
2,394	$\frac{24,158}{27,893}$	99,971	$\frac{8,897}{27,893}$	2,395	$\frac{3,085}{5,577}$	100,018	$\frac{3,844}{5,577}$	4,174,401	$\frac{43}{167}$	4,175,598	$\frac{134}{167}$	167
2,409	$\frac{199}{689}$	99,970	$\frac{670}{689}$	2,409	$\frac{851}{861}$	100,029	$\frac{31}{861}$	4,149,397	$\frac{49}{83}$	4,150,602	$\frac{34}{83}$	166
2,423	$\frac{24,133}{27,229}$	99,970	$\frac{16,870}{27,229}$	2,424	$\frac{16,296}{27,221}$	100,029	$\frac{10,591}{27,221}$	4,124,393	$\frac{31}{33}$	4,125,606	$\frac{2}{33}$	165
2,438	$\frac{178}{269}$	99,970	$\frac{70}{269}$	2,439	$\frac{2,603}{6,723}$	100,029	$\frac{5,033}{6,723}$	4,099,390	$\frac{1}{41}$	4,100,609	$\frac{40}{41}$	164
2,453	$\frac{16,431}{26,573}$	99,969	$\frac{23,763}{26,573}$	2,454	$\frac{1,898}{5,313}$	100,030	$\frac{610}{5,313}$	4,074,386	$\frac{81}{163}$	4,075,613	$\frac{81}{163}$	163
2,468	$\frac{2,492}{3,281}$	99,969	$\frac{1,771}{3,281}$	2,469	$\frac{21}{41}$	100,030	$\frac{20}{41}$	4,049,382	$\frac{58}{81}$	4,050,617	$\frac{23}{81}$	162
2,484	$\frac{92}{1,037}$	99,969	$\frac{147}{1,037}$	2,484	$\frac{22,172}{25,917}$	100,030	$\frac{22,490}{25,917}$	4,024,378	$\frac{142}{161}$	4,025,621	$\frac{19}{161}$	161
2,499	$\frac{3,901}{6,401}$	99,968	$\frac{4,832}{6,401}$	2,500	$\frac{2,500}{6,399}$	100,031	$\frac{1,631}{6,399}$	3,999,375		4,000,625		160
2,515	$\frac{1,645}{5,057}$	99,968	$\frac{1,824}{5,057}$	2,516	$\frac{3,068}{25,277}$	100,031	$\frac{16,413}{25,277}$	3,974,371	$\frac{11}{159}$	3,975,628	$\frac{148}{159}$	159
2,531	$\frac{749}{3,121}$	99,967	$\frac{2,993}{3,121}$	2,532	$\frac{2}{39}$	100,032	$\frac{2}{39}$	3,949,367	$\frac{2}{79}$	3,950,632	$\frac{77}{79}$	158
2,547	$\frac{8,809}{24,653}$	99,967	$\frac{13,549}{24,653}$	2,548	$\frac{908}{4,929}$	100,032	$\frac{2,272}{4,929}$	3,924,363	$\frac{9}{157}$	3,925,636	$\frac{148}{157}$	157
2,563	$\frac{819}{1,217}$	99,967	$\frac{161}{1,217}$	2,564	$\frac{3,188}{6,083}$	100,032	$\frac{5,344}{6,083}$	3,899,358	$\frac{38}{39}$	3,900,641	$\frac{1}{39}$	156
2,580	$\frac{5,180}{24,029}$	99,966	$\frac{16,986}{24,029}$	2,581	$\frac{1,799}{24,021}$	100,033	$\frac{7,307}{24,021}$	3,874,354	$\frac{26}{31}$	3,875,645	$\frac{5}{31}$	155
2,596	$\frac{572}{593}$	99,966	$\frac{162}{593}$	2,597	$\frac{623}{741}$	100,033	$\frac{547}{741}$	3,849,350	$\frac{50}{77}$	3,850,649	$\frac{27}{77}$	154
2,613	$\frac{21,831}{23,413}$	99,965	$\frac{194,55}{23,413}$	2,614	$\frac{3,866}{4,681}$	100,034	$\frac{846}{4,681}$	3,824,346	$\frac{62}{153}$	3,825,653	$\frac{91}{153}$	153
2,631	$\frac{713}{5,777}$	99,965	$\frac{2,195}{5,777}$	2,632	$\frac{8}{231}$	100,034	$\frac{146}{231}$	3,799,342	$\frac{2}{19}$	3,800,657	$\frac{17}{19}$	152
2,648	$\frac{2,472}{4,561}$	99,964	$\frac{4,196}{4,561}$	2,649	$\frac{10,747}{22,797}$	100,035	$\frac{2,105}{22,797}$	3,774,337	$\frac{113}{151}$	3,775,662	$\frac{38}{151}$	151
2,666	$\frac{542}{2,813}$	99,964	$\frac{1,260}{2,813}$	2,667	$\frac{99}{703}$	100,035	$\frac{345}{703}$	3,749,333	$\frac{1}{3}$	3,750,666	$\frac{2}{3}$	150
2,684	$\frac{756}{4,441}$	99,963	$\frac{4,317}{4,441}$	2,685	$\frac{4,055}{22,197}$	100,036	$\frac{908}{22,197}$	3,724,328	$\frac{128}{149}$	3,725,671	$\frac{21}{149}$	149
2,703	$\frac{1,145}{5,477}$	99,963	$\frac{2,649}{5,477}$	2,703	$\frac{43}{219}$	100,036	$\frac{116}{219}$	3,699,324	$\frac{12}{37}$	3,700,675	$\frac{25}{37}$	148
2,720	$\frac{12,640}{21,613}$	99,962	$\frac{21,294}{21,613}$	2,721	$\frac{2,559}{4,321}$	100,037	$\frac{123}{4,321}$	3,674,319	$\frac{107}{147}$	3,675,680	$\frac{40}{147}$	147
2,739	$\frac{113}{533}$	99,962	$\frac{254}{533}$	2,740	$\frac{80}{333}$	100,037	$\frac{179}{333}$	3,649,315	$\frac{5}{73}$	3,650,684	$\frac{68}{73}$	146
2,758	$\frac{2,018}{21,029}$	99,961	$\frac{20,131}{21,029}$	2,759	$\frac{3,061}{21,021}$	100,038	$\frac{1,202}{21,021}$	3,624,310	$\frac{10}{29}$	3,625,689	$\frac{19}{29}$	145
2,777	$\frac{251}{1,037}$	99,961	$\frac{443}{1,037}$	2,778	$\frac{1,626}{5,183}$	100,038	$\frac{3,046}{5,183}$	3,599,305	$\frac{5}{9}$	3,600,694	$\frac{4}{9}$	144
2,796	$\frac{13,412}{20,453}$	99,960	$\frac{18,120}{20,453}$	2,797	$\frac{3,067}{4,089}$	100,039	$\frac{529}{4,089}$	3,574,300	$\frac{100}{143}$	3,575,699	$\frac{43}{143}$	143
2,816	$\frac{864}{2,521}$	99,960	$\frac{840}{2,521}$	2,817	$\frac{29}{63}$	100,039	$\frac{43}{63}$	3,549,295	$\frac{55}{71}$	3,550,704	$\frac{16}{71}$	142
2,836	$\frac{1,228}{3,977}$	99,959	$\frac{3,057}{3,977}$	2,837	$\frac{8,951}{19,877}$	100,040	$\frac{4,920}{19,877}$	3,524,290	$\frac{110}{141}$	3,525,709	$\frac{31}{141}$	141
4,856	$\frac{2,744}{4,901}$	99,959	$\frac{941}{4,901}$	2,857	$\frac{3,557}{4,899}$	100,040	$\frac{4,040}{4,899}$	2,499,285	$\frac{5}{7}$	3,500,714	$\frac{2}{7}$	140
2,877	$\frac{79}{773}$	99,958	$\frac{2,331}{3,865}$	2,878	$\frac{5,074}{19,317}$	100,041	$\frac{8,503}{19,317}$	3,474,280	$\frac{80}{139}$	3,475,719	$\frac{59}{139}$	139
2,897	$\frac{2,243}{2,381}$	99,958	$\frac{2}{2,381}$	2,899	$\frac{19}{119}$	100,042	$\frac{2}{119}$	3,449,275	$\frac{25}{69}$	3,450,724	$\frac{44}{69}$	138
2,919	$\frac{1,613}{18,773}$	99,957	$\frac{7,239}{18,773}$	2,920	$\frac{1,240}{3,753}$	100,042	$\frac{2,374}{3,753}$	3,424,270	$\frac{10}{137}$	3,425,729	$\frac{127}{137}$	137
2,940	$\frac{20}{37}$	99,956	$\frac{28}{37}$	2,941	$\frac{3,757}{4,623}$	100,043	$\frac{1,211}{4,623}$	3,399,264	$\frac{12}{17}$	3,400,735	$\frac{5}{17}$	136
2,962	$\frac{5,702}{18,229}$	99,956	$\frac{2,076}{18,229}$	2,963	$\frac{11,177}{18,221}$	100,043	$\frac{16,497}{18,221}$	3,374,259	$\frac{7}{27}$	3,375,740	$\frac{20}{27}$	135
Basis Perpendicularum 100,000 Hypotenusa				Basis Hypotenusa 100,000 Perpendicularum				Perpendicularum Hypotenusa 100,000 Basis				Numeri primi Bases.



## CANONION TRIANGVLORVM

	SERIES III.				SERIES II.				SERIES I.			
134	3,350,746	$\frac{18}{67}$	3,349,253	$\frac{49}{67}$	100,044	$\frac{316}{561}$	2,985	$\frac{440}{561}$	99,955	$\frac{205}{449}$	2,984	$\frac{184}{449}$
133	3,325,751	$\frac{117}{133}$	3,324,248	$\frac{16}{133}$	100,045	$\frac{835}{3,537}$	3,008	$\frac{704}{3,537}$	99,954	$\frac{13,878}{17,693}$	3,006	$\frac{14,842}{17,693}$
132	3,300,757	$\frac{19}{33}$	3,299,242	$\frac{14}{33}$	100,045	$\frac{805}{871}$	3,031	$\frac{79}{871}$	99,954	$\frac{422}{4,357}$	3,029	$\frac{3,047}{4,357}$
131	3,275,763	$\frac{47}{131}$	3,274,236	$\frac{84}{131}$	100,046	$\frac{10,778}{17,157}$	3,054	$\frac{2,522}{17,157}$	99,953	$\frac{1,351}{3,433}$	3,052	$\frac{2,484}{3,433}$
130	3,250,769	$\frac{3}{13}$	3,249,230	$\frac{10}{13}$	100,047	$\frac{23}{66}$	3,077	$\frac{43}{66}$	99,952	$\frac{1,924}{2,113}$	3,076	$\frac{412}{2,113}$
129	3,225,775	$\frac{25}{129}$	3,224,224	$\frac{104}{129}$	100,048	$\frac{1,424}{16,637}$	3,101	$\frac{8,663}{16,637}$	99,951	$\frac{3,121}{3,329}$	3,100	$\frac{100}{3,329}$
128	3,200,781	$\frac{1}{4}$	3,199,218	$\frac{3}{4}$	100,048	$\frac{688}{819}$	3,125	$\frac{625}{819}$	99,951	$\frac{753}{4,097}$	3,124	$\frac{972}{4,097}$
127	3,175,787	$\frac{51}{127}$	3,174,212	$\frac{76}{127}$	100,049	$\frac{79}{129}$	3,150	$\frac{50}{129}$	99,950	$\frac{6,650}{16,133}$	3,148	$\frac{13,316}{16,133}$
126	3,150,793	$\frac{41}{63}$	3,149,206	$\frac{22}{63}$	100,050	$\frac{25}{62}$	3,175	$\frac{25}{62}$	99,949	$\frac{247}{397}$	3,173	$\frac{319}{397}$
125	3,125,800		3,124,200		100,051	$\frac{12,708}{15,621}$	3,200	$\frac{12,800}{15,621}$	99,948	$\frac{3,329}{15,629}$	3,199	$\frac{2,829}{15,629}$
124	3,100,806	$\frac{14}{31}$	3,099,193	$\frac{17}{31}$	100,052	$\frac{164}{3,843}$	3,226	$\frac{2,482}{3,843}$	99,947	$\frac{757}{769}$	3,224	$\frac{744}{769}$
123	3,075,813	$\frac{1}{123}$	3,074,186	$\frac{122}{123}$	100,052	$\frac{108}{121}$	3,252	$\frac{108}{121}$	99,947	$\frac{2,049}{15,133}$	3,251	$\frac{2,617}{15,133}$
122	3,050,819	$\frac{41}{61}$	3,049,180	$\frac{20}{61}$	100,053	$\frac{107}{186}$	3,279	$\frac{71}{186}$	99,946	$\frac{444}{1,861}$	3,277	$\frac{1,503}{1,861}$
121	3,025,826	$\frac{54}{121}$	3,024,173	$\frac{67}{121}$	100,054	$\frac{9,602}{14,637}$	3,306	$\frac{10,078}{14,637}$	99,945	$\frac{1,095}{2,929}$	3,304	$\frac{1,584}{2,929}$
120	3,000,833	$\frac{1}{3}$	2,999,166	$\frac{2}{3}$	100,055	$\frac{2,055}{3,599}$	3,334	$\frac{934}{3,599}$	99,944	$\frac{1,656}{3,601}$	3,332	$\frac{1,468}{3,601}$
119	2,975,840	$\frac{40}{119}$	2,974,159	$\frac{79}{119}$	100,056	$\frac{7,208}{14,157}$	3,362	$\frac{4,166}{14,157}$	99,943	$\frac{1,481}{2,833}$	3,360	$\frac{1,120}{2,833}$
118	2,950,847	$\frac{26}{59}$	2,949,152	$\frac{33}{59}$	100,057	$\frac{41}{87}$	3,390	$\frac{70}{87}$	99,942	$\frac{978}{1,741}$	3,388	$\frac{1,492}{1,741}$
117	2,925,854	$\frac{82}{117}$	2,924,145	$\frac{35}{117}$	100,058	$\frac{94}{2,737}$	3,419	$\frac{2,197}{2,737}$	99,941	$\frac{13,787}{13,793}$	3,417	$\frac{11,119}{13,793}$
116	2,900,862	$\frac{2}{29}$	2,899,137	$\frac{27}{29}$	100,059	$\frac{1,583}{3,363}$	3,449	$\frac{1,013}{3,363}$	99,940	$\frac{380}{675}$	3,447	$\frac{169}{675}$
115	2,875,869	$\frac{13}{23}$	2,874,130	$\frac{10}{23}$	100,060	$\frac{6,740}{13,221}$	3,479	$\frac{4,141}{13,221}$	99,939	$\frac{6,969}{13,229}$	3,477	$\frac{2,767}{13,229}$
114	2,850,877	$\frac{11}{57}$	2,849,122	$\frac{46}{57}$	100,061	$\frac{117}{203}$	3,509	$\frac{173}{203}$	99,938	$\frac{6}{13}$	3,507	$\frac{9}{13}$
113	2,825,884	$\frac{108}{113}$	2,824,115	$\frac{5}{113}$	100,062	$\frac{1,714}{2,553}$	3,540	$\frac{2,380}{2,553}$	99,937	$\frac{4,699}{12,773}$	3,538	$\frac{9,126}{12,773}$
112	2,800,892	$\frac{6}{7}$	2,799,107	$\frac{1}{7}$	100,063	$\frac{499}{627}$	3,572	$\frac{356}{627}$	99,936	$\frac{768}{3,137}$	3,570	$\frac{910}{3,137}$
111	2,775,900	$\frac{100}{111}$	2,774,099	$\frac{11}{111}$	100,064	$\frac{11,712}{12,317}$	3,604	$\frac{9,732}{12,317}$	99,935	$\frac{45}{493}$	3,602	$\frac{214}{493}$
110	2,750,909	$\frac{1}{11}$	2,749,090	$\frac{10}{11}$	100,066	$\frac{26}{189}$	3,637	$\frac{107}{189}$	99,933	$\frac{1,371}{1,513}$	3,635	$\frac{245}{1,513}$
109	2,725,917	$\frac{47}{109}$	2,724,082	$\frac{62}{109}$	100,067	$\frac{4,240}{11,877}$	3,670	$\frac{11,410}{11,877}$	99,932	$\frac{1,636}{2,377}$	3,668	$\frac{1,164}{2,377}$
108	2,700,925	$\frac{25}{27}$	2,699,074	$\frac{2}{27}$	100,068	$\frac{356}{583}$	3,704	$\frac{569}{583}$	99,931	$\frac{1,273}{2,917}$	3,702	$\frac{1,266}{2,917}$
107	2,675,934	$\frac{62}{107}$	2,674,065	$\frac{45}{107}$	100,069	$\frac{1,939}{2,289}$	3,739	$\frac{1,429}{2,289}$	99,930	$\frac{2,310}{11,453}$	3,737	$\frac{1,339}{11,453}$
106	2,650,943	$\frac{21}{53}$	2,649,046	$\frac{32}{53}$	100,071	$\frac{79}{351}$	3,774	$\frac{326}{351}$	99,928	$\frac{232}{281}$	3,772	$\frac{68}{281}$
105	2,625,952	$\frac{8}{21}$	2,624,047	$\frac{13}{21}$	100,072	$\frac{6,488}{11,021}$	3,810	$\frac{9,990}{11,021}$	99,927	$\frac{5,117}{11,029}$	3,808	$\frac{1,568}{11,029}$
104	2,600,961	$\frac{7}{13}$	2,599,038	$\frac{6}{13}$	100,073	$\frac{2,681}{2,703}$	3,847	$\frac{1,559}{2,703}$	99,926	$\frac{34}{541}$	3,844	$\frac{396}{541}$
103	2,575,970	$\frac{90}{103}$	2,574,029	$\frac{31}{103}$	100,075	$\frac{925}{2,121}$	3,884	$\frac{2,036}{2,121}$	99,924	$\frac{6,588}{10,613}$	3,882	$\frac{334}{10,613}$
102	2,550,980	$\frac{20}{51}$	2,549,019	$\frac{31}{51}$	100,076	$\frac{12}{13}$	3,923	$\frac{1}{13}$	99,923	$\frac{177}{1,301}$	3,920	$\frac{130}{1,301}$
101	2,525,990	$\frac{10}{101}$	2,524,009	$\frac{91}{101}$	100,078	$\frac{4,634}{10,197}$	3,961	$\frac{9,683}{10,197}$	99,921	$\frac{1,239}{2,041}$	3,958	$\frac{1,722}{2,041}$
Numeri pri- mi Baseos.	Hypotenusa	Perpendicularum			Hypotenusa	Base			Perpendicularum	Base		
	100,000				100,000				100,000			
		Base				Perpendicularum				Hypotenusa		



# LATERVM RATIONALIVM.

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SERIES I.				SERIES II.				SERIES III.			
3,998	$\frac{1,002}{2,501}$	99,920	$\frac{80}{2,501}$	4,001	$\frac{1,501}{2,499}$	100,080	$\frac{880}{2,499}$	2,499,000		2,501,000	100
4,038	$\frac{1,482}{1,961}$	99,918	$\frac{802}{1,961}$	4,042	$\frac{526}{9,797}$	100,081	$\frac{6,443}{9,797}$	2,473,989	$\frac{89}{99}$	2,476,010	$\frac{10}{99}$ 99
4,079	$\frac{141}{1,201}$	99,916	$\frac{884}{1,201}$	4,082	$\frac{31}{60}$	100,083	$\frac{1}{3}$	2,448,979	$\frac{29}{49}$	2,451,020	$\frac{20}{49}$ 98
4,121	$\frac{9,027}{9,413}$	99,915	$\frac{105}{9,413}$	4,125	$\frac{875}{1,881}$	100,085	$\frac{115}{1,881}$	2,423,969		2,426,030	$\frac{90}{97}$ 97
4,164	$\frac{991}{1,153}$	99,913	$\frac{311}{1,153}$	4,168	$\frac{543}{1,152}$	100,086	$\frac{29}{36}$	2,398,958	$\frac{1}{3}$	2,401,041	$\frac{2}{3}$ 96
4,208	$\frac{5,968}{9,029}$	99,911	$\frac{3,581}{9,029}$	4,212	$\frac{3,548}{9,021}$	100,088	$\frac{6,152}{9,021}$	2,373,947	$\frac{7}{19}$	2,376,052	$\frac{12}{19}$ 95
4,253	$\frac{87}{221}$	99,909	$\frac{111}{221}$	4,257	$\frac{17}{69}$	100,090	$\frac{40}{69}$	2,348,936	$\frac{8}{47}$	2,351,063	$\frac{39}{47}$ 94
4,299	$\frac{753}{8,653}$	99,907	$\frac{4,729}{8,653}$	4,303	$\frac{113}{1,729}$	100,092	$\frac{932}{1,729}$	2,323,924	$\frac{68}{93}$	2,326,075	$\frac{25}{93}$ 93
4,345	$\frac{1,635}{2,117}$	99,905	$\frac{1,115}{2,117}$	4,349	$\frac{373}{423}$	100,094	$\frac{238}{423}$	2,298,913	$\frac{1}{22}$	2,301,086	$\frac{21}{22}$ 92
4,393	$\frac{799}{1,657}$	99,903	$\frac{729}{1,657}$	4,397	$\frac{6,031}{8,277}$	100,096	$\frac{5,408}{8,277}$	2,273,901	$\frac{9}{91}$	2,276,098	$\frac{82}{91}$ 91
4,442	$\frac{254}{1,013}$	99,901	$\frac{287}{1,013}$	4,446	$\frac{162}{253}$	100,098	$\frac{206}{253}$	2,248,888	$\frac{8}{9}$	2,251,111	$\frac{1}{9}$ 90
4,492	$\frac{36}{317}$	99,899	$\frac{17}{317}$	4,496	$\frac{5,168}{7,917}$	100,101	$\frac{383}{7,917}$	2,223,876	$\frac{36}{89}$	2,226,123	$\frac{53}{89}$ 89
4,543	$\frac{209}{1,937}$	99,896	$\frac{1,448}{1,937}$	4,547	$\frac{311}{387}$	100,103	$\frac{139}{387}$	2,198,863	$\frac{7}{11}$	2,201,136	$\frac{4}{11}$ 88
4,595	$\frac{2,065}{7,573}$	99,894	$\frac{2,738}{7,573}$	4,600	$\frac{200}{1,513}$	100,105	$\frac{1,135}{1,513}$	2,173,850	$\frac{50}{87}$	2,176,149	$\frac{37}{87}$ 87
4,648	$\frac{24}{37}$	99,891	$\frac{33}{37}$	4,653	$\frac{157}{231}$	100,108	$\frac{52}{231}$	2,148,837	$\frac{9}{43}$	2,151,162	$\frac{34}{43}$ 86
4,703	$\frac{2,013}{7,229}$	99,889	$\frac{2,419}{7,229}$	4,708	$\frac{3,532}{7,221}$	100,110	$\frac{5,690}{7,221}$	2,123,823	$\frac{9}{17}$	2,126,176	$\frac{8}{17}$ 85
4,763	$\frac{5}{353}$	99,886	$\frac{242}{353}$	4,768	$\frac{736}{1,763}$	100,113	$\frac{1,681}{1,763}$	2,098,808	$\frac{12}{21}$	2,101,191	$\frac{9}{21}$ 84
4,816	$\frac{3,312}{6,893}$	99,883	$\frac{6,481}{6,893}$	4,822	$\frac{106}{1,377}$	100,116	$\frac{268}{1,377}$	2,073,795	$\frac{15}{83}$	2,076,204	$\frac{68}{83}$ 83
4,875	$\frac{125}{841}$	99,881	$\frac{79}{841}$	4,880	$\frac{20}{21}$	100,119	$\frac{1}{21}$	2,048,780	$\frac{20}{41}$	2,051,219	$\frac{21}{41}$ 82
4,935	$\frac{345}{1,313}$	99,878	$\frac{186}{1,313}$	4,941	$\frac{1,863}{6,557}$	100,122	$\frac{46}{6,557}$	2,023,765	$\frac{35}{81}$	2,026,234	$\frac{46}{81}$ 81
4,996	$\frac{1,404}{1,601}$	99,875	$\frac{125}{1,601}$	5,003	$\frac{203}{1,599}$	100,125	$\frac{125}{1,599}$	1,998,750		2,001,250	80
5,060	$\frac{60}{1,249}$	99,871	$\frac{921}{1,249}$	5,066	$\frac{3,358}{6,237}$	100,128	$\frac{1,664}{6,237}$	1,973,734	$\frac{14}{79}$	1,976,265	$\frac{65}{79}$ 79
5,124	$\frac{636}{761}$	99,868	$\frac{452}{761}$	5,131	$\frac{11}{19}$	100,131	$\frac{11}{19}$	1,948,718	$\frac{37}{39}$	1,951,281	$\frac{2}{39}$ 78
5,191	$\frac{1,797}{5,933}$	99,865	$\frac{955}{5,933}$	5,198	$\frac{74}{237}$	100,135	$\frac{5}{237}$	1,923,601	$\frac{23}{77}$	1,926,398	$\frac{54}{77}$ 77
5,259	$\frac{149}{289}$	99,861	$\frac{171}{289}$	5,266	$\frac{1,162}{1,443}$	100,138	$\frac{866}{1,443}$	1,898,684	$\frac{4}{19}$	1,901,315	$\frac{15}{19}$ 76
5,329	$\frac{3,059}{5,619}$	99,857	$\frac{4,947}{5,619}$	5,337	$\frac{723}{5,621}$	100,142	$\frac{1,818}{5,621}$	1,873,666	$\frac{2}{3}$	1,876,333	$\frac{1}{3}$ 75
5,401	$\frac{63}{137}$	99,854	$\frac{2}{137}$	5,409	$\frac{61}{171}$	100,146	$\frac{34}{171}$	1,848,648	$\frac{24}{37}$	1,851,351	$\frac{13}{37}$ 74
5,475	$\frac{1,825}{5,333}$	99,849	$\frac{5,283}{5,333}$	5,483	$\frac{121}{213}$	100,150	$\frac{50}{213}$	1,823,630	$\frac{10}{73}$	1,826,369	$\frac{63}{73}$ 73
5,551	$\frac{353}{1,297}$	99,845	$\frac{1,035}{1,297}$	5,559	$\frac{219}{259}$	100,154	$\frac{114}{259}$	1,798,611	$\frac{1}{9}$	1,801,388	$\frac{8}{9}$ 72
5,629	$\frac{339}{1,009}$	99,841	$\frac{431}{1,009}$	5,638	$\frac{1,394}{5,037}$	100,158	$\frac{4,154}{5,037}$	1,773,591	$\frac{39}{71}$	1,776,408	$\frac{32}{71}$ 71
5,709	$\frac{383}{613}$	99,836	$\frac{532}{613}$	5,718	$\frac{146}{153}$	100,163	$\frac{61}{253}$	1,748,571	$\frac{3}{7}$	1,751,428	$\frac{4}{7}$ 70
5,792	$\frac{224}{953}$	99,832	$\frac{4}{953}$	5,801	$\frac{4,643}{4,757}$	100,168	$\frac{1,324}{4,757}$	1,723,550	$\frac{50}{69}$	1,726,449	$\frac{19}{69}$ 69
Basis Perpendicularum				Basis Hypotenusa				Perpendicularum Hypotenusa			
100,000				100,000				100,000			
Hypotenusa				Perpendicularum				Basis			
Numeri primi Bascos											



## CANONION TRIANGVLORVM

	SERIES III.				SERIES II.				SERIES I.			
68	1,701,470	$\frac{10}{17}$	1,698,529	$\frac{7}{17}$	100,173	$\frac{37}{231}$	5,887	$\frac{103}{231}$	99,827	$\frac{161}{1,157}$	5,877	$\frac{311}{1,157}$
67	1,676,492	$\frac{36}{67}$	1,673,507	$\frac{31}{67}$	100,178	$\frac{334}{497}$	5,975	$\frac{425}{497}$	99,821	$\frac{4,247}{4,493}$	5,964	$\frac{3,748}{4,493}$
66	1,651,515	$\frac{5}{33}$	1,648,484	$\frac{28}{33}$	100,183	$\frac{14}{17}$	6,066	$\frac{3}{17}$	99,816	$\frac{56}{109}$	6,055	$\frac{25}{109}$
65	1,626,538	$\frac{6}{13}$	1,623,461	$\frac{7}{13}$	100,189	$\frac{2,231}{4,221}$	6,159	$\frac{2,861}{4,221}$	99,810	$\frac{3,510}{4,229}$	6,148	$\frac{108}{4,229}$
64	1,601,562	$\frac{1}{2}$	1,598,437	$\frac{1}{2}$	100,195	$\frac{515}{1,023}$	6,256	$\frac{112}{1,023}$	99,804	$\frac{36}{41}$	6,243	$\frac{37}{41}$
63	1,576,587	$\frac{19}{63}$	1,573,412	$\frac{44}{63}$	100,201	$\frac{607}{793}$	6,355	$\frac{485}{793}$	99,798	$\frac{2,546}{3,973}$	6,342	$\frac{3,234}{3,973}$
62	1,551,612	$\frac{28}{31}$	1,548,387	$\frac{3}{31}$	100,208	$\frac{1}{3}$	6,458	$\frac{1}{3}$	99,793	$\frac{48}{481}$	6,444	$\frac{436}{481}$
61	1,526,639	$\frac{21}{61}$	1,523,360	$\frac{40}{61}$	100,215	$\frac{845}{3,717}$	6,564	$\frac{1,612}{3,717}$	99,785	$\frac{35}{149}$	6,550	$\frac{50}{149}$
60	1,501,666	$\frac{2}{3}$	1,498,333	$\frac{1}{3}$	100,222	$\frac{422}{899}$	6,674	$\frac{74}{899}$	99,778	$\frac{22}{901}$	6,659	$\frac{241}{901}$
59	1,476,694	$\frac{54}{59}$	1,473,305	$\frac{5}{59}$	100,230	$\frac{190}{3,477}$	6,787	$\frac{601}{3,477}$	99,770	$\frac{310}{697}$	6,771	$\frac{613}{697}$
58	1,461,724	$\frac{4}{29}$	1,448,275	$\frac{25}{29}$	100,238	$\frac{2}{21}$	6,904	$\frac{16}{21}$	99,762	$\frac{199}{421}$	6,888	$\frac{152}{421}$
57	1,426,754	$\frac{22}{57}$	1,423,245	$\frac{35}{57}$	100,246	$\frac{346}{645}$	7,026	$\frac{126}{645}$	99,754	$\frac{238}{3,253}$	7,008	$\frac{2,976}{3,253}$
56	1,401,785	$\frac{5}{7}$	1,398,214	$\frac{2}{7}$	100,255	$\frac{335}{783}$	7,151	$\frac{767}{783}$	99,745	$\frac{35}{157}$	7,133	$\frac{119}{157}$
55	1,376,818	$\frac{2}{11}$	1,373,181	$\frac{9}{11}$	100,264	$\frac{2,456}{3,021}$	7,282	$\frac{1,078}{3,021}$	99,735	$\frac{2,685}{3,029}$	7,263	$\frac{373}{3,029}$
54	1,351,851	$\frac{3}{27}$	1,349,148	$\frac{24}{27}$	100,274	$\frac{66}{91}$	7,414	$\frac{53}{91}$	99,727	$\frac{2}{73}$	7,397	$\frac{19}{73}$
53	1,326,886	$\frac{42}{53}$	1,323,113	$\frac{11}{53}$	100,283	$\frac{115}{561}$	7,557	$\frac{523}{561}$	99,715	$\frac{1,705}{2,813}$	7,536	$\frac{1,232}{2,813}$
52	1,301,923	$\frac{1}{13}$	1,298,076	$\frac{12}{13}$	100,296	$\frac{8}{27}$	7,703	$\frac{19}{27}$	99,704	$\frac{392}{677}$	7,680	$\frac{640}{677}$
51	1,276,960	$\frac{40}{51}$	1,273,039	$\frac{11}{51}$	100,307	$\frac{124}{2,597}$	7,855	$\frac{565}{2,597}$	99,693	$\frac{468}{521}$	7,831	$\frac{49}{521}$
50	1,252,000		1,248,000		100,320	$\frac{20}{39}$	8,012	$\frac{32}{39}$	99,680	$\frac{160}{313}$	7,987	$\frac{69}{313}$
49	1,227,040	$\frac{40}{49}$	1,222,959	$\frac{9}{49}$	100,333	$\frac{1,799}{2,397}$	8,185	$\frac{555}{2,397}$	99,667	$\frac{173}{481}$	8,158	$\frac{2}{481}$
48	1,202,083	$\frac{1}{3}$	1,197,916	$\frac{2}{3}$	100,347	$\frac{19}{23}$	8,347	$\frac{19}{23}$	99,653	$\frac{219}{577}$	8,318	$\frac{514}{577}$
47	1,177,127	$\frac{31}{47}$	1,172,872	$\frac{16}{47}$	100,362	$\frac{358}{441}$	8,526	$\frac{34}{441}$	99,638	$\frac{1,106}{2,213}$	8,495	$\frac{565}{2,213}$
46	1,152,173	$\frac{21}{23}$	1,147,826	$\frac{2}{23}$	100,378	$\frac{26}{33}$	8,712	$\frac{4}{33}$	99,622	$\frac{34}{53}$	8,679	$\frac{13}{53}$
45	1,127,222	$\frac{2}{9}$	1,122,777	$\frac{7}{9}$	100,395	$\frac{1,723}{2,021}$	8,906	$\frac{974}{2,021}$	99,605	$\frac{1,437}{2,029}$	8,871	$\frac{741}{2,029}$
44	1,102,272	$\frac{8}{11}$	1,097,727	$\frac{3}{11}$	100,414	$\frac{38}{483}$	9,109	$\frac{253}{483}$	99,587	$\frac{61}{97}$	9,072	$\frac{16}{97}$
43	1,077,325	$\frac{25}{43}$	1,072,674	$\frac{18}{43}$	100,433	$\frac{223}{369}$	9,322	$\frac{182}{369}$	99,568	$\frac{496}{1,853}$	9,282	$\frac{454}{1,853}$
42	1,052,380	$\frac{20}{21}$	1,047,619	$\frac{1}{21}$	100,454	$\frac{6}{11}$	9,545	$\frac{5}{11}$	99,547	$\frac{113}{221}$	9,502	$\frac{28}{221}$
41	1,027,439	$\frac{1}{41}$	1,022,560	$\frac{40}{41}$	100,477	$\frac{71}{1,677}$	9,779	$\frac{617}{1,677}$	99,525	$\frac{75}{337}$	9,732	$\frac{316}{337}$
40	1,002,500		997,500		100,501	$\frac{101}{399}$	10,025	$\frac{25}{399}$	99,501	$\frac{99}{401}$	9,975	$\frac{25}{401}$
39	977,564	$\frac{4}{35}$	972,435	$\frac{35}{39}$	100,527	$\frac{541}{1,517}$	10,283	$\frac{789}{1,517}$	99,475	$\frac{25}{61}$	10,229	$\frac{35}{61}$
38	952,631	$\frac{11}{19}$	947,368	$\frac{8}{19}$	100,555	$\frac{5}{9}$	10,555	$\frac{5}{9}$	99,447	$\frac{93}{181}$	10,497	$\frac{43}{181}$
37	927,702	$\frac{26}{37}$	922,297	$\frac{11}{37}$	100,586	$\frac{22}{273}$	10,842	$\frac{134}{273}$	99,417	$\frac{459}{1,373}$	10,779	$\frac{433}{1,373}$
36	902,777	$\frac{7}{9}$	897,222	$\frac{2}{9}$	100,619	$\frac{63}{323}$	11,145	$\frac{165}{323}$	99,384	$\frac{8}{13}$	11,076	$\frac{12}{13}$
35	877,857	$\frac{1}{7}$	872,142	$\frac{6}{7}$	100,655	$\frac{245}{1,221}$	11,466	$\frac{14}{1,221}$	99,349	$\frac{79}{1,229}$	11,391	$\frac{461}{1,229}$
Numeri primi Bacos.	Hypotenusa	Perpendiculum			Hypotenusa	Basis			Perpendiculum	Basis		
	100,000				100,000				100,000			
	Basis				Perpendiculum				Hypotenusa			



# LATERVM RATIONALIVM.

45

SERIES I.				SERIES II.				SERIES III.				
11,724	$\frac{4}{29}$	99,310	$\frac{10}{29}$	11,805	$\frac{5}{9}$	100,694	$\frac{4}{9}$	847,058	$\frac{14}{17}$	852,941	$\frac{3}{17}$	34
12,076	$\frac{932}{1,093}$	99,268	$\frac{76}{1,093}$	12,165	$\frac{195}{217}$	100,737	$\frac{71}{217}$	821,969	$\frac{23}{33}$	828,030	$\frac{10}{33}$	33
12,451	$\frac{93}{257}$	99,221	$\frac{203}{257}$	12,549	$\frac{21}{51}$	100,784	$\frac{16}{51}$	796,875		803,125		32
12,849	$\frac{143}{193}$	99,170	$\frac{190}{193}$	12,957	$\frac{151}{957}$	100,835	$\frac{905}{957}$	771,774	$\frac{6}{31}$	778,225	$\frac{25}{31}$	21
13,274	$\frac{38}{113}$	99,115	$\frac{5}{113}$	13,392	$\frac{6}{7}$	100,892	$\frac{6}{7}$	746,666	$\frac{2}{3}$	753,333	$\frac{1}{3}$	30
13,727	$\frac{137}{169}$	99,054	$\frac{114}{169}$	13,859	$\frac{17}{837}$	100,955	$\frac{665}{837}$	721,551	$\frac{21}{29}$	728,448	$\frac{8}{29}$	29
14,213	$\frac{39}{197}$	98,984	$\frac{152}{197}$	14,358	$\frac{38}{39}$	101,025	$\frac{25}{39}$	696,428	$\frac{4}{7}$	703,571	$\frac{3}{7}$	28
14,733	$\frac{711}{733}$	98,908	$\frac{416}{733}$	14,896	$\frac{16}{29}$	101,103	$\frac{13}{29}$	671,296	$\frac{7}{27}$	678,703	$\frac{20}{27}$	27
15,294	$\frac{2}{17}$	98,823	$\frac{9}{17}$	15,476	$\frac{4}{21}$	101,190	$\frac{10}{21}$	646,153	$\frac{11}{13}$	653,846	$\frac{2}{13}$	26
15,898	$\frac{158}{629}$	98,728	$\frac{88}{629}$	16,103	$\frac{37}{621}$	101,288	$\frac{152}{621}$	621,000		629,000		25
16,551	$\frac{21}{29}$	98,620	$\frac{20}{29}$	16,783	$\frac{31}{143}$	101,398	$\frac{85}{143}$	595,833	$\frac{1}{3}$	604,166	$\frac{2}{3}$	24
17,260	$\frac{420}{533}$	98,499	$\frac{33}{533}$	17,523	$\frac{17}{21}$	101,523	$\frac{17}{21}$	570,652	$\frac{4}{23}$	579,347	$\frac{19}{23}$	23
18,032	$\frac{48}{61}$	98,360	$\frac{40}{61}$	18,333	$\frac{1}{3}$	101,666	$\frac{2}{3}$	545,454	$\frac{6}{11}$	554,545	$\frac{5}{11}$	22
18,876	$\frac{36}{89}$	98,202	$\frac{22}{89}$	19,221	$\frac{423}{437}$	101,830	$\frac{290}{437}$	520,238	$\frac{2}{21}$	529,761	$\frac{19}{21}$	21
19,801	$\frac{99}{101}$	98,019	$\frac{81}{101}$	20,202	$\frac{2}{99}$	102,020	$\frac{20}{99}$	495,000		505,000		20
20,821	$\frac{67}{73}$	97,808	$\frac{16}{73}$	21,288	$\frac{184}{357}$	102,240	$\frac{320}{357}$	469,736	$\frac{16}{19}$	480,263	$\frac{3}{19}$	19
21,951	$\frac{9}{41}$	97,560	$\frac{40}{41}$	22,500		102,500		444,444	$\frac{4}{9}$	455,555	$\frac{5}{9}$	18
23,208	$\frac{56}{293}$	97,269	$\frac{183}{293}$	23,859	$\frac{37}{57}$	102,807	$\frac{1}{57}$	419,117	$\frac{11}{17}$	430,882	$\frac{6}{17}$	17
24,615	$\frac{5}{13}$	96,923	$\frac{1}{13}$	25,396	$\frac{52}{63}$	103,174	$\frac{38}{63}$	393,750		406,250		16
26,200	$\frac{200}{229}$	96,502	$\frac{42}{229}$	27,149	$\frac{71}{221}$	103,619	$\frac{201}{221}$	368,333	$\frac{1}{3}$	381,666	$\frac{2}{3}$	15
28,000		96,000		29,166	$\frac{2}{3}$	104,166	$\frac{2}{3}$	342,857	$\frac{1}{7}$	357,142	$\frac{6}{7}$	14
30,057	$\frac{139}{173}$	95,375	$\frac{125}{173}$	31,515	$\frac{5}{33}$	104,848	$\frac{16}{33}$	317,307	$\frac{9}{13}$	332,692	$\frac{4}{13}$	13
32,432	$\frac{16}{37}$	94,594	$\frac{22}{37}$	34,285	$\frac{5}{7}$	105,714	$\frac{2}{7}$	291,666	$\frac{2}{3}$	308,333	$\frac{1}{3}$	12
35,200		93,600		37,606	$\frac{98}{117}$	106,837	$\frac{71}{117}$	265,909	$\frac{1}{11}$	284,090	$\frac{10}{11}$	11
38,461	$\frac{7}{13}$	92,307	$\frac{9}{13}$	41,666	$\frac{2}{3}$	108,333	$\frac{1}{3}$	240,000		260,000		10
42,352	$\frac{16}{17}$	90,588	$\frac{4}{17}$	46,753	$\frac{19}{77}$	110,389	$\frac{17}{77}$	213,888	$\frac{8}{9}$	235,111	$\frac{1}{9}$	9
47,058	$\frac{14}{17}$	88,235	$\frac{5}{17}$	53,333	$\frac{1}{3}$	113,333	$\frac{1}{3}$	187,500		212,500		8
52,830	$\frac{10}{53}$	84,905	$\frac{35}{53}$	62,222	$\frac{2}{9}$	117,777	$\frac{7}{9}$	160,714	$\frac{2}{7}$	189,285	$\frac{5}{7}$	7
60,000		80,000		75,000		125,000		133,333	$\frac{1}{3}$	166,666	$\frac{2}{3}$	6
68,965	$\frac{15}{29}$	72,413	$\frac{23}{29}$	95,238	$\frac{2}{21}$	138,095	$\frac{5}{21}$	105,000		145,000		5
80,000		60,000		133,333	$\frac{1}{3}$	166,666	$\frac{2}{3}$	75,000		125,000		4
92,307	$\frac{9}{13}$	38,461	$\frac{7}{13}$	240,000		260,000		41,666	$\frac{2}{3}$	108,333	$\frac{1}{3}$	3
100,000										100,000		2
												1
												1

Basis	Perpendiculum	Basis	Hypotenuſa	Perpendiculum	Hypotenuſa	Numeri primi Baſcos
100,000		100,000		100,000		
Hypotenuſa		Perpendiculum		Baſis		



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EXPLICITVM CANONION TRIANGVLORVM  
LATERVM RATIONALIVM.



SYNTAXIS NUMERORVM Canonij.

<p>SERIES III.</p> <p>BASIS</p> <p>100,000</p>	<p>SERIES II.</p> <p>PERPENDICVLVM</p> <p>100,000</p>	<p>SERIES I.</p> <p>HYPOTENUSA</p> <p>100,000</p>
<p>HYPOTENUSA</p> <p>Æquabilis.</p> <p>Quarta pars numeri primi Baseos ducta in 100,000.</p> <p>PROSTAPHÆRESIS.</p> <p>Additiua, danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENDUS, vel, NUMERATOR 100,000</p> <p>DIUIDENS, vel, DENOMINATOR Numerus primus Baseos.</p>	<p>HYPOTENUSA</p> <p>Æquabilis.</p> <p>100,000</p> <p>PROSTAPHÆRESIS.</p> <p>Additiua, danda ex Diuisione vel Fragmento numerorum, quorum</p> <p>DIUIDENDUS, vel, NUMERATOR 200,000</p> <p>DIUIDENS, vel, DENOMINATOR Numerus primus Perpendiculari, seu, Quadratum dimidij numeri primi Baseos, minus unitate.</p>	<p>PERPENDICVLVM</p> <p>Æquabile.</p> <p>100,000</p> <p>PROSTAPHÆRESIS.</p> <p>Ablatiua, danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENDUS, vel, NUMERATOR 200,000</p> <p>DIUIDENS, vel, DENOMINATOR Numerus primus Hypotenuse, seu, Quadratum dimidij numeri primi Baseos, auctum unitate</p>
<p>PERPENDICVLVM</p> <p>Æquabile.</p> <p>Idem Numerus, qui in Hypotenusa.</p> <p>PROSTAPHÆRESIS.</p> <p>Eadem, Ablatiua.</p>	<p>BASIS</p> <p>DIUIDENDUS, vel, NUMERATOR Numerus primus Baseos ductus in 100,000</p> <p>Danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENS, vel, DENOMINATOR Numerus primus Perpendiculari.</p>	<p>BASIS</p> <p>DIUIDENDUS, vel, NUMERATOR Numerus primus Baseos ductus in 100,000</p> <p>Danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENS, vel, DENOMINATOR Numerus primus Hypotenuse.</p>

SYNTAXIS NUMERORVM in Iusto Canone.

CUM sint Prostaphæreses in serie tertiâ subdupla ad Facundum dimidia Residua Peripheria, adsumantur ea abs Fragmentis, ut pote per continuam octonarij numeri progressionem, videlicet 8, 16, 24, 32, 40, &c. donec ad Prostaphæresim 20, 212 deueniatur, qua fere est subdupla ad Facundum Peripheria xxij. cum semisse. Et locus in quem cadit Prostaphæresis 8 primus esto, 16 secundus, 24 tertius, & sic de reliquis & erunt 2, 89 loca. Qui numerus accedit ad 2, 700, numerum scrupulorum partium xlv. & locorum consequenter, quot solent constitui in Canone irrationalium; & ita Canonici numeri constanter, & construuntur. Et Peripheria è Canonibus Facundis, uti ea congruunt duplo constituarum Prostaphæresôn, duplantur; Et è regione numerorum collocantur.

<p>SERIES III.</p> <p>BASIS</p> <p>100,000</p>	<p>SERIES II.</p> <p>PERPENDICVLVM</p> <p>100,000</p>	<p>SERIES I.</p> <p>HYPOTENUSA</p> <p>100,000</p>
<p>HYPOTENUSA</p> <p>Æquabilis.</p> <p>Ex diuisione numeri 2, 500,000,000, à constituta Prostaphæresi.</p> <p>Ex diuisione numeri 312, 500,000 à numero locorum.</p> <p>PROSTAPHÆRESIS.</p> <p>Additiua, uti constituitur, &amp; dat Numerus locorum ductus in octonarium.</p>	<p>HYPOTENUSA</p> <p>Æquabilis.</p> <p>100,000</p> <p>PROSTAPHÆRESIS.</p> <p>Additiua, danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENDUS, vel, NUMERATOR Dupla Prostaphæresis tertia seriei, ducta in 100,000</p> <p>DIUIDENS, vel, DENOMINATOR Perpendicularum tertia seriei.</p>	<p>PERPENDICVLVM</p> <p>Æquabile.</p> <p>100,000</p> <p>PROSTAPHÆRESIS.</p> <p>Ablatiua, danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENDUS, vel, NUMERATOR Dupla Prostaphæresis tertia seriei, ducta in 100,000</p> <p>DIUIDENS, vel, DENOMINATOR Hypotenusa tertia seriei.</p>
<p>PERPENDICVLVM.</p> <p>Æquabile.</p> <p>Idem Numerus qui in Hypotenusa.</p> <p>PROSTAPHÆRESIS.</p> <p>Eadem, Ablatiua.</p>	<p>BASIS</p> <p>Æquabilis.</p> <p>Quadruplum Prostaphærescos tertia seriei.</p> <p>PROSTAPHÆRESIS.</p> <p>Additiua, danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENDUS, vel, NUMERATOR Quadratum dupla Prostaphærescos tertia seriei.</p> <p>DIUIDENS, vel, DENOMINATOR Perpendicularum tertia seriei.</p>	<p>BASIS</p> <p>Æquabilis.</p> <p>Quadruplum Prostaphærescos tertia seriei.</p> <p>PROSTAPHÆRESIS.</p> <p>Additiua, danda ex Diuisione, vel Fragmento numerorum, quorum</p> <p>DIUIDENDUS, vel, NUMERATOR Quadratum dupla Prostaphærescos tertia seriei.</p> <p>DIUIDENS, vel, DENOMINATOR Hypotenusa tertia seriei.</p>







FRANCISCI VIETÆI.

VNIVERSALIVM INSPECTIONVM

AD CANONEM MATHEMATICVM

*Liber Singularis.*

LVTETIÆ,

*Apud Ioannem Mettayer, in Mathematicis Typographum Regium, sub signo  
D. Ioannis, è regione Collegij Laodicensis.*

M. D. LXXIX.

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CVM PRIVILEGIO REGIS.











## CAPITA INSPECTIONVM.

- I  RIANGVLI PLANI RECTANGVLI  
Diagramma & Nota.
- II  Laterum Trianguli Plani rectanguli prima & Pythagoræa Analogia.
- III Norma Canonij
- IIII Triangulum Planum rectangulum Circulo adcommodatum inscriptione.
- V Triangulum Planum Rectangulum Circulo adcommodatum circumscriptione.
- VI Ad Syntaxim Laterum inscriptorum Κυρίωτερα Geometrica postulata.
- VII Ad Syntaxim Laterum circumscriptorum Κυρίωτερα Geometrica postulata.  
Diagrammata ad Apodixim Geometricorum postulatorum.
- VIII Ambitiosa linea ad rectam Analogia per plus & minus.  
Analogia generalior, in numeris irrationalibus.
- IX Analogia tandem Perimetri Circuli ad Diametrum.  
Minor verâ.  
Maior verâ.  
Media satis accuratè.
- Sinus vnius Scrupuli.  
Minor vero.  
Maior vero.  
Medius satis accuratè.
- X Trianguli Plani rectanguli ad Circulum adcommodati inscriptione, circumscriptione ve, Series trina Seriei Analoga, pro numero Laterum vel Angulorum.
- XI Canonica in Triangulo Plano rectangulo Analogia sex Laterum & Angulorum cum Sinu Recti, seu Hypothetico, Ex quibus, datis præter Angulum rectum latere & angulo, vel lateribus duobus, datur Triangulum.
- XII Analogia totidem abs sinu Recti.
- XIII Ad Syntaxeos Normam in Analyfi, Triangula Plana rectangula tria.  
Analogia Archimedæa.
- XIIII TRIANGVLVM Planum Obliquangulum.



**XV** *Parasceue ad sectiones Obliquangulorum.*

- 1 *Dum ex Lateribus exquiruntur Anguli.*
- 2 *Aliter, Parasceue, dum ex Lateribus exquiruntur Anguli.*
- 3 *Anceps Obliquangulum.*
- 4 *In Obliquangulis sectis in Obliquangula, frequens Parasceue.*
- 5 *In Miscellaneis Planorum, selectiores aliquot Analogia.*

*Εἰδιωότερα.*

- j. *In Rectangulo, eductâ ab angulo recto Perpendiculari.*
- ij. *In Obtusangulo Obliquangulo, eductâ à vertice Perpendiculari, & duabus ei Parallelis, à singulo videlicet crure singulâ, inæqualis Altitudinis sub æquali Basi.*
- iiij. *In Obtusangulo Obliquangulo, eductâ à vertice Perpendiculari, & duabus ei Parallelis, à singulo videlicet crure singulâ, æqualis Altitudinis sub inæquali Basi.*
- iiij. *In Rectangulo vel Obliquangulo, intra quod describitur Quadratum.*
- v. *In qua drisectio à Duabus diametris Circulo.*

*Τετρωότερα.*

- j. *In Linea secta.*
- ij. *In Linea secta, mediâ & extremâ ratione.*
- iiij. *In duabus lineis.*
- iiij. *In tribus proportionalibus.*
- v. *In quatuor continuè proportionalibus.*
- vj. *Sectio Quadrati.*
- vij. *Sectio Cubi.*
- 6 *Quatuor continuè proportionalium Diagrammata.*
- 7 *Ex dato Rectangulo, æquali ei, quod sub lateribus continetur, cum differentiâ, vel aggregato eorundem, dantur Latera.*
- 8 *Ex dato Rectangulo, æquali ei quod sub lateribus continetur, cum ratione eorundem, alterius ad alterum, dantur Latera.*
- 9 *Regula quam vocant, Falsi.*

**XVI** *Plani obliquanguli in Obliquangula secti Theoria, & adsequendi methodus aliquibus datis.*

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**XVII** *TRIANGVLVM SPHÆRICVM RECTANGV-  
LVM.*

**XVIII** *Trianguli Sphærici rectanguli decem Metamorphoses.*

**XIX** *Canonica decem in Sphærico Triangulo Rectangulo iam diu expetita, necdum ante hac exhibita Analogia, sexies etiam pro numero Terminorum repetita. Quarum ductu, si ex terminis Sphærici Trianguli rectanguli, duo quilibet, præter Angulum rectum dentur, utrò quæsitus terminus, vel ex unâ operatione Logistiques, siue Multiplicationis, siue Diuisionis, utra commodior videbitur, viâ, innotescit.*



- XX Analogia sexdena abs Sinu Recti, seu Toto.  
 XXI Cum quadrato Sinus recti Analogia dua.  
 XXII Cum sinu toto, & eiusdem quadrato Analogia dua.  
 XXIII TRIANGVLVM Sphericum Obliquangulum.

- 1 Termini analogæ serie.
- 2 Metatheses trium datorum terminorum.
- 3 Eductio Orthogonij.

XXIII Ad sectiones Obliquangulorum in Rectangula, Parascena.

- 1 Ex coacervatione duarum Peripheriarum, & ratione Sinuum earundem, discernuntur Peripheria.
- 2 Ex differentia duarum Peripheriarum, & ratione Sinuum earundem, dantur Peripheria.
- 3 Analogia Angulorum, in sectione, quam præstat perpendere, dum ex Angulis eruuntur Latera.
- 4 Sectio Trianguli datorum Laterum, ad adsequendos Angulos.
- 5 Aliter, Parascene dum ex Lateribus Anguli.
- 6 Rursus, Vt è Lateribus eruantur anguli, Analogia in Obliquangulo, cum quadrato Sinus recti.
- 7 Analogia denique segmentorum Baseos & Crurum in anguli verticis bisectione.

XXV TRIANGVLVM PLANI-SPHÆRICVM.

- 1 In Planisphericis Καθολικώτερα.
- 2 Vt Peripheria reuocetur ad partes Diametri, & è contrà adpositi Numeri.
- 3 Vt secantur magnitudines mediâ & extremâ ratione, vel sectæ compleantur, vel etiam continuatæ à continuatione sequeantur, adpositi Numeri.
- 4 Geodesia Triangulorum.  
 Simplex.  
 Comparata.  $\left\{ \begin{array}{l} \text{si sint Triangula æquæ alta ve' sub æquali Basi.} \\ \text{si Angulo Angulum habent æqualem.} \\ \text{Ad quavis Triangula.} \end{array} \right.$
- 5 Geodesia Circuli.
- 6 Geodesia Sphærarum.
- 7 Ad Circulos, superficiesque Sphærarum è Diametris, & harum soliditates è Cubis, & è contrà, adpositi Numeri.
- 8 Ad Sphæras è Diametris & è contrà, Archimedæa mensura.
- 9 Quadratura Hippocratica Menisci.
- 10 Parabole.
- 11 Quadratura Paraboles Euclidæa
- 12 Latus Quadrati Circulo circumscripti, inscripti, & æqualis.



- 13 *Duae Mediae continuè proportionales inter Semi-Diametrum & Latus Quadrati inscripti.*  
14 *Duae Mediae in eadem proportionē continuā, inter L. Quad. inscripti, & Latus circumscripti seu Diametrum.*  
15 *Duae ex his Mediae, inter Semi-Diametrum & Diametrum.*  
16 *Proportionalis Media, inter L. Quadrati inscripti, & L. circumscripti.*  
17 *Diagramma propositarum Proportionalium.*  
18 *Series earundem in Diagrammate adnotata & demonstrata.*  
19 *Detecta tandem reductionis Peripheriae ad lineam rectam, & Tetragonismi Circuli Orontiana & aliorum pseudographia.*  
20 *Vt Peripheria reducatur ἐγγύς ad Lineam rectam, & e contra, adpositum & nouum Theorema.*  
21 *Confectarium ad quadraturam Circuli ad commodum.*  
22 *Vti Sector quilibet commodè quadretur, modò ratio Perimetri ad Basim Sectoris non ignoretur.*  
23 *Latera quinque regularium Corporum inscriptorum Sphaera.*  
24 *Duplicatio Cubi.*  
*Demonstratio limitum Analogiae Perimetri Circuli ad Diametrum.*  
*Demonstratio Limitum Sinus vnus scrupuli.*





## Ioannes Mettayer Lectori.



X I T tandem ex officinâ nostrâ, amice Lector, Canon Mathematicus, seu ad Triangula, cum Adpendicibus, & Vniuersalium Inspectionum libro. Habebat auctor id consilij, vt vnâ ederentur Astronomicarum Inspectionum libri, auspiciis Christianissimi & augustissimi Regis nostri, ad cuius eram Epochæ Syderum adnotatæ sunt, & secundum eas constructa *uxela* Triangula. Sed nouo & insolito laboris genere deterriti artifices, sculprores, fusores, librarij, locarunt suas operas difficulter, & locatas præstiterunt oscitantissimè. Operariorum morositatem & socordiam excitabat auctoris præsentia & cura, sed eam homini ad altiora magistratum subsellia cuesto, & negotiis pleno, non licuit, quoties res postulabat, ad commodare. interea verò non defuere plagiarij, quibus sua studia liberiore animo vir candidus communicarat, ausi ea palàm venditare, tanquam sua. Ego certè flagitij indignitate commotus, veritus etiam ne qua in me incideret culpæ suspicio, cæpi ab auctore efflagitare, neque, donec concederet, cõquieui, vt liber is, cuius copiam licentiosiore vltro fecerat, ederetur festinanter, quo plagij & stellionarus proderentur rei. Tu fac æqui & boni, amice Lector, & Vale.









FRANCISCI VIETÆI,  
VNIVERSALIVM INSPECTIONVM  
AD CANONEM MATHEMATICVM,

*Liber Singularis.*

*Guilielmus Neasonus.*



D CANONE M, qui conceptus est MATHEMATICVS, seu, Ad  
TRIANGVLA, in quæ simplicissimè ceteræ omnes planæ figuræ resolvuntur, ut solidæ in Pyramidas,  
Proponitur æquedòdas CATHOLICA INSPECTIONE

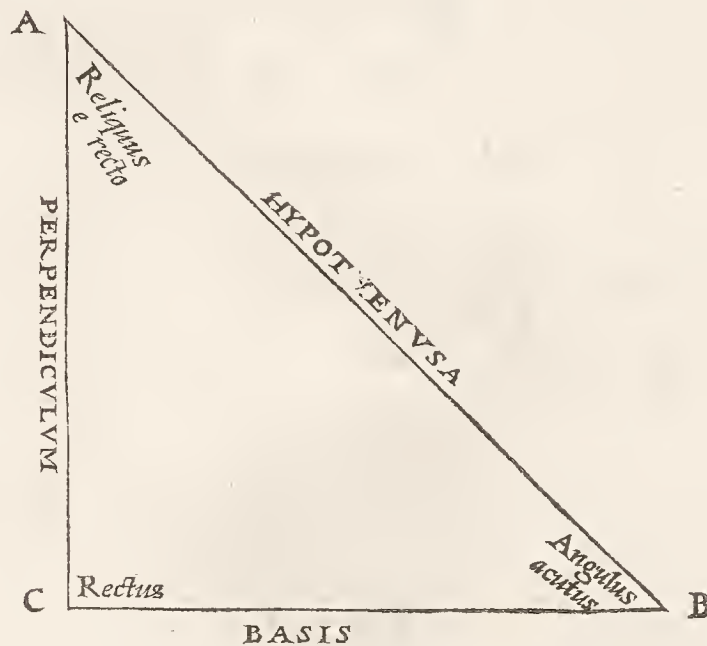
I. TRIANGVLI PLANI



## I.

## TRIANGVLI PLANI RECTANGVLI

Diagramma, &amp; Nota.



## ANGVLI.

C, Perpetua nota anguli  
Recti.B, Acutus à Perpendiculo  
subtensus.

A, Acutus subtensus à Base.

## LATERA.

AB, Perpetua nota Hypotenusæ Recti,  
vel Hypotenusæ simpliciter, & κατ'  
ἐξοχήν, ut pote anguli nobilioris.

AC, Perpendicularum.

CB, Basis.



## II.

LATERVM TRIANGVLI PLANI RECTANGVLI  
PRIMA ET PYTHAGORÆA  
ANALOGIA.

§§

I.	II.	III.	III.
<i>ut</i>	<i>ad</i>	<i>ita</i>	<i>ad</i>
AB	CB	CB	AB
† Plus			— Minus
AC			AC
<u>SEV</u>			
AB	AC	AC	AB
† Plus			— Minus
CB			CB

AB videlicet potest AC & CB, ex Pythagoræo inuento.



## III.

CONSECTARIVM, quod esto

## NORMA CANONII.

QVALIVM differentia dimidia inter AB & AC crit vnitas, talium AB minùs vnitate, vel AC plùs vnitate crit quadratum dimidij CB.

ut ἀναλυτικῶς.

Esto CB	Quadratum dimidij CB	Prosthaphæresis perpetua I	AB	AC
100,000	2,500,000,000		2,500,000,001	2,499,999,999
Maiores				
200,000	10,000,000,000	Additiua dimidij CB quadrato, ut prodeat AB. Ablatiua, ut AC.	10,000,000,001	9,999,999,999
400,000	40,000,000,000		40,000,000,001	39,999,999,999
Miniores				
50,000	625,000,000		625,000,001	624,999,999
25,000	156,250,000		156,250,001	156,249,999

vel, si placet per singulas in CB monadas puras, id est, abs fragmentis progredi, ordinatâ serie numerorum

	CB	AC	AB		CB	AC	AB		CB	AC	AB
parium	2	0	2	imparium	3	$1\frac{1}{4}$	$3\frac{1}{4}$	sen reductione fractionum ad numeros puros	12	5	13
	2	5	7		4	$4\frac{1}{4}$	$7\frac{1}{4}$		20	21	29
	4	3	5		5	$5\frac{1}{4}$	$7\frac{1}{4}$		28	45	53
	2	5	7		6	$6\frac{1}{4}$	$7\frac{1}{4}$		36	77	85
	6	8	10		7	$11\frac{1}{4}$	$13\frac{1}{4}$		44	117	125
	2	7	7		8	$8\frac{1}{4}$	$13\frac{1}{4}$		52	165	173
	8	15	17		9	$19\frac{1}{4}$	$21\frac{1}{4}$				
	2	9	9		10	$10\frac{1}{4}$	$21\frac{1}{4}$				
	10	24	26		11	$29\frac{1}{4}$	$31\frac{1}{4}$				
	2	11	11		12	$12\frac{1}{4}$	$31\frac{1}{4}$				
	12	35	37		13	$41\frac{1}{4}$	$43\frac{1}{4}$				



Item per monadas non puras,

CB	AC	AB		CB	AC	AB
$2 \frac{20}{100}$	$0 \frac{21}{100}$	$2 \frac{21}{100}$	sem ex re- ductione	$220$ $100$	$21$ $135$	$221$ $135$
$3 \frac{20}{100}$	$1 \frac{56}{100}$	$3 \frac{56}{100}$		$320$ $100$	$156$ $785$	$356$ $105$
$4 \frac{20}{100}$	$3 \frac{41}{100}$	$5 \frac{41}{100}$		$420$ $100$	$341$ $235$	$541$ $235$
$5 \frac{20}{100}$	$5 \frac{76}{100}$	$7 \frac{76}{100}$		$520$ $100$	$576$ $285$	$776$ $285$
$6 \frac{20}{100}$	$8 \frac{61}{100}$	$10 \frac{61}{100}$		$620$	$861$	$1,061$

Differentia prima  $1 \frac{7}{20}$

secunda  $1 \frac{17}{20}$

& reliquæ deinceps augentur  $\frac{1}{2}$ .

CB verò stante perpetuò partium 100,000. detur alius quilibet numerus maior minòrue æquabilis ad AB vel AC. Quæ ratio erit æquabilis illius numeri ad 2,500,000,000, eadem erit unitatis ad Prosthaphæresim congruam. & ἀνάπαλι, detur quælibet alia Prosthaphæresis unitate maior, minòrue, Vt se habebit adsumpta Prosthaphæresis ad unitatem, ita 2,500,000,000, ad numerum æquabilem lateribus AB vel AC congruum, ita quoque 100,000 ad numerum primum CB. id est, ex cuius dimidiij quadrato adhibita unitatis Prosthaphæresis signitur item primus AB vel AC.

ut,

CB perpetuò partium	Prosthaphæresis	Numerus æquabilis AB vel AC	Numerus primus CB	Quadratum dimidiij CB ad numerum primum AB vel AC
100,000	I	2,500,000,000	100,000	2,500,000,000
	Minor. $\frac{1}{2}$ $\frac{1}{4}$	5,000,000,000 10,000,000,000	200,000 400,000	10,000,000,000 40,000,000,000
	Maior. 2 4	1,250,000,000 625,000,000	50,000 25,000	625,000,000 156,250,000

AB item & AC adsumantur sigillatim partium 100,000. comparantur reliqua latera ad eandem mensuram analogæ duce vel iam constitutæ seriei, vel ipsorum primorum numerorum triade. Atque ita feliciter & ἐκτελεῖται constructitur Canon, Canonionque lateribus constans rationalibus At si Peripheria adplicetur, erit ea irrationalis. In Canone ὑποῖον rationalis est, latera verò irrationalia, veris ἐγῆστα.



NOBIS in constructione Canonij ea præcipue cura fuit, isque scopus, ut in summâ angulorum acutie res felicius & propius vero, quàm fortè per Canonis *uol* progressionem liceret, quoties operæpretium videbitur, examinaretur. Itaque contenti fuimus per singulos CB impares numeros centum progredi, eosque continuâ duplâ progressionem Geometricâ augere, ad metam usque sex figurarum, ultra quàm effusa huiusmodi primorum numerorum vastitas vix ad rem quicquam conducere visa est.

Sed præstat fortassis methodum ante oculos proponere.

CB 100, 000			AB vel AC æquabilis 2, 500, 000, 000	Prosthaphæresis I
			SCALA PRIMÆ	
Numeri primi AB AC CB			AB vel AC æquabilis	Prosthaphæresis
•	•	I	25, 000	100, 000
2	0	2	50, 000	50, 000
5	3	4	100, 000	25, 000
17	15	8	200, 000	12, 500
65	63	16	400, 000	6, 250
257	255	32	800, 000	3, 125

& deinceps continuatâ progressionem

quadruplâ unitate  
demptâ vel additâ

duplâ

duplâ

subduplâ

usque dum numerus CB sextam non egreditur figuram.

			SCALA SECUNDÆ	
$3\frac{1}{4}$	$1\frac{1}{4}$	3	75, 000	$33, 333\frac{1}{3}$
10	8	6	150, 000	$16, 666\frac{2}{3}$
37	35	12	300, 000	$8, 333\frac{1}{3}$
145	143	24	600, 000	$4, 166\frac{2}{3}$
577	575	48	1, 200, 000	$2, 083\frac{1}{3}$
2, 305	2, 303	96	2, 400, 000	$1, 041\frac{1}{3}$

& deinceps, &c. ut s.



SCALÆ CENTESIMÆ ET POSTREMÆ

100, 000			2, 500, 000, 000	1
Numeri primi.				
AB	AC	CB	AB vel AC æquabilis	Prosthæresis
9, 901 $\frac{1}{4}$	9, 899 $\frac{1}{4}$	199	4, 975, 000	502 $\frac{102}{199}$
39, 602 118, 803	39, 600 118, 803	398 398	9, 950, 000	251 $\frac{51}{199}$
158, 405 475, 212	158, 403 475, 212	796 796	19, 900, 000	125 $\frac{125}{199}$
633, 617 1, 900, 848	633, 615 1, 900, 848	1, 592 1, 592	39, 800, 000	62 $\frac{162}{199}$
2, 534, 463	2, 534, 463	3, 184	79, 600, 000	31 $\frac{81}{199}$

Et deinceps &c. ut s.

SERIE, quâ CB adsumitur partium 100, 000, ita absolutâ, & ad eam constitutis è regione analogis minimis terminis, non dissimili compendio ex ijs series duæ reliquæ, quarum alterâ AC, alterâ AB similiter adsumitur partium 100, 000, potuerunt comparari. Et seriem quidem, quâ AB est partium 100, 000, omnia retexentes, primo loco præposuimus, Dein, quâ AC, Tertiò, quâ CB, ut idem ordo, tum Canonis, tum Canonio congrueret. Et solius lateris CB minimos terminos adnotauimus, è quibus semissibus quadratis, minimi laterum AB, vel AC, secundum consecutarij analysim, statim intelliguntur, adhibitâ unitatis prosthæresi.

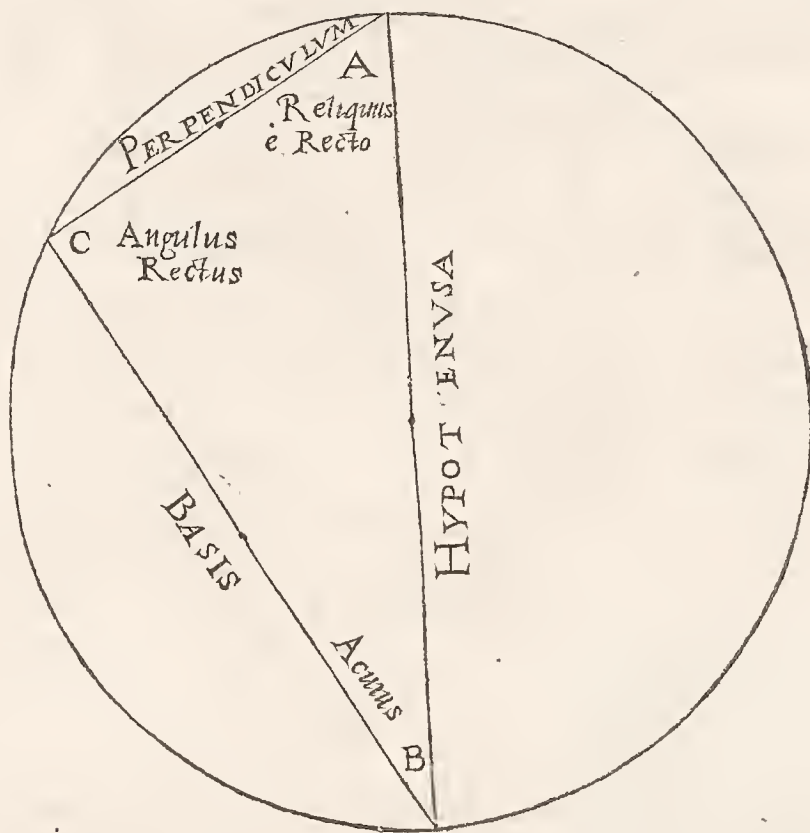
CONSECTARII RATIO.

Dum AB conflatur ex numero AC, & binario, quadratum AB fit æquale quadrato AC, & quadrato binarij numeri, & insuper bis rectangulo binarij numeri in AC, ex elementis Geometricis. At idem AB potest AB & AC, docente Pythagora. Quater igitur adsumptum AC, & quaternarius numerus constituunt quadratum CB. & ἀναλόγως, cum quadratum CB integri ad quadratum CB dimidijs se habeat, ut ratio quadrata 2 ad 1, id est, ut 4 ad 1, Semel adsumptum AC & unitas constituunt quadratum dimidijs CB.



## III.

TRIANGVLVM PLANVM RECTANGVLVM  
CIRCULO ADCOMMODATVM INSCRIPTIONE.



CIRCVLVS ABC, partium CCCLX ex hypothesi.  
Peripheria AB, Semi-circulus.

ANGVLVS C Recti amplitudo, Peripheria partium XC. Quadrans circuli, Dimidia AB.  
Anguli B acuti amplitudo, Peripheria dimidia AC.  
Anguli A reliqui amplitudo, Peripheria dimidia CB.

*Anguli videlicet è Peripheriâ sunt subdupli angulis è centro.*

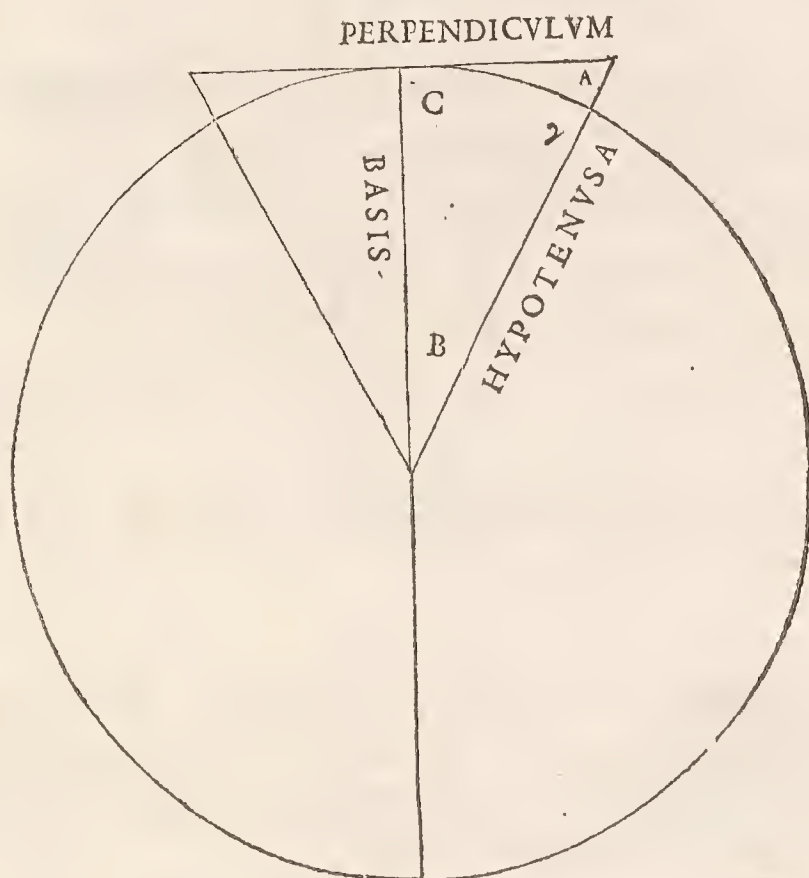
SEMISSIS linea AB, Semi-diameter, Semi-subtenfa circuli, adsumpta partium 100,000 ex hypothesi, Sinus anguli C Recti, Sinus Totus.  
Semissis linea AC, Semi-latus, Semi-ve subtenfa Polygoni duplatâ peripheriâ amplitudinis B inscripti, Sinus anguli B acuti.  
Semissis linea CB, Semi-latus, Semi-ve subtenfa Polygoni duplatâ peripheriâ amplitudinis A inscripti, Sinus anguli A reliqui è Recto.

## V. TRIANGVLVM



## V.

TRIANGVLVM PLANVM RECTANGVLVM  
CIRCULO AD COMMODATVM CIRCVMSCRIPTIONE.



ANGVLVS B acuti amplitudo, Peripheria C  $\gamma$ .

Anguli A reliqui è Recto amplitudo, Residua C  $\gamma$  è quadrantè amplitudine perpetuâ Recti C.

CB, SEMIDIAMETER, vt Sinus Recti in Triangulo inscripto.

AC, Semilatus Polygoni duplatâ Peripheriâ amplitudinis B circulo circumscripti, in iis partibus, qualium Semilatus Polygoni duplatâ peripheriâ Residuâ circumscripti, Semidiameter.

AB, Hypotenufa analoga.

*BREVE Sinus vocabulum, cum sit artis, Saracenis præsertim quàm familiare, non est ab artificibus explodendum, ad laterum semissium inscriptorum denotationem. Latera verò circumscripta, neutiquam inter se constātia, sed vaga & ita Diametro adfixa, vt ab eâ perpetuò bisecentur & op̄as, & educta à centro Circuli Hypotenufa magnitudinem eorum concludat, non sortita sunt hætenus nomen elegans. Sed quoniam Raphodi suos Canones, in quos ea congefferunt, Fæcundos vocauere, semissia sanè huiusmodi Latera vocentur Fæcundi videlicet Sinus, Numeriue, & eorum Hypotenufæ, Hypotenufæ Fæcundorum, ne fucus fortè fiat, & nouitate verborum res adumbretur.*



## VI.

AD SYNTAXIM LATERVM INSCRIPTORVM,  
 ΚΥΡΙΩΤΕΡΑ GEOMETRICA  
*postulata.*



- 1 SEMI-DIAMETER, Radius've Circuli, latus est inscripti Exagoni.  
 Latus inscripti Tetragoni potest duplum circularis Radij.  
 Latus inscripti Trigoni potest triplum.  
 Latus inscripti Decagoni, productum semisse latere Exagoni, potest Radij sesqui-alterum.  
 Latus inscripti Pentagoni potest Radium, plus latere Decagoni.

ITEM,

- 2 SINVS Residuæ potest Sinum Totum, minùs sinu Peripheriæ.

ITEM,

- 3 SINVS Versus Peripheriæ (est autem Sinus Totus, minùs sinu Residuæ) ductus in Totum, id est, adiectis quinque numeralibus circulis, est Duplum quadratum sinus dimidiæ.  
 & ἀναπαλίω, Duplum quadratum sinus Peripheriæ diuisum à Toto, id est, abiectis quinque numeralibus circulis, est sinus Versus duplæ.

ITEM,

- 4 SVETENSA Peripheriæ, quâ differunt duæ, potest Hyperochem sinuum Duarum, & Hyperochem sinuum Residuarum.

Vnde CONSECTARIVM.

*DIFFERENTIA inter sinus equidistantium Peripheriarum, à LX. tanta est quantus sinus dimidia Peripheria, quâ differunt inter se, id est, integra quâ absunt à LX.  
 Et ideò, DATIS Sinubus ad partes XXX. dantur Sinus reliqui solâ Additionis, vel Subductionis viâ.*



## VII.

AD SYNTAXIM LATERVVM CIRCVMSCRIPTORVM,  
 ΚΥΡΙΩΤΕΡΑ GEOMETRICA  
*postulata.*

§§  
9

- 1 ANGVLS Trianguli æquilateri valet duas tertias recti.
- 2 HYPOTENUSA & Fæcundus Residuæ peripheriæ aggregata, sunt Fæcundus Residuæ semi-peripheriæ.  
 & ἀνάπαλιν, Fæcundus Residuæ peripheriæ, est Fæcundus & Hypotenusa residui Duplæ peripheriæ.
- 3 DIFFERENTIA inter Fæcundum & Hypotenusam Residuæ, est Fæcundus Dimidiæ peripheriæ.  
 & ἀνάπαλιν, Fæcundus Peripheriæ, est Differentia inter Fæcundum & Hypotenusam residui Duplæ.

*Ex his* CONSECTARIVM.

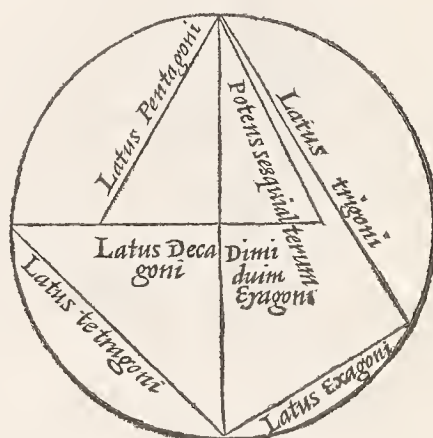
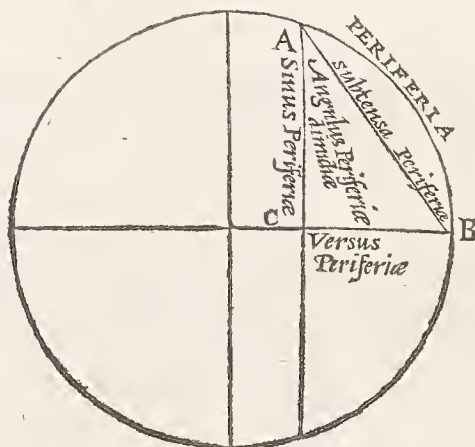
DATIS Fæcundis ad partes XLV. dantur Fæcundi reliqui, & Fæcundorum Hypotenusa omnes, solâ Additionis, vel Subductionis viâ.

RESIDVA periphæria, Residuum periphæriæ, Basis, Complementum seu Πλεονέκμα, sunt synonyma.  
 AEque synonyma, Sinus secundus Periphæriæ, Sinus baseos Periphæriæ, Sinus Residuæ periphæriæ, Sinus residui, complementi, seu ὁ Πλεονέκματος Periphæriæ.



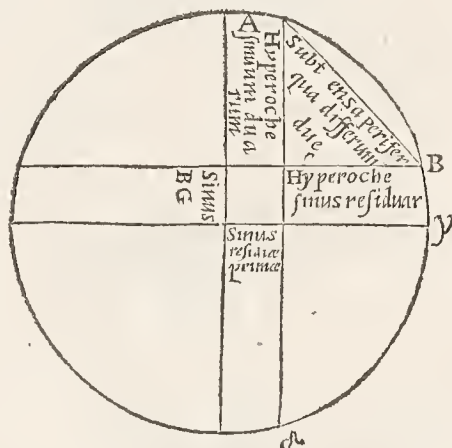
## DIAGRAMMATA

AD APODIXIM GEOMETRICORVM POSTVLATORVM.

AD 3<sup>um</sup> & 2<sup>um</sup>  
inscriptorum.Vide apud PTOLEM.  
cap.9.li.1. μεγ. Κυρτ. 5.AD 3<sup>um</sup> inscri-  
ptorum.ANALYTICORVM Trian-  
gulorum Syntaxeos pri-  
mum, INFRA' ubi  
vide.



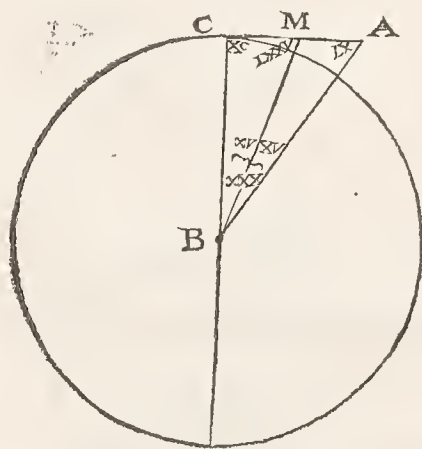
AD 4<sup>um</sup> inscri-  
ptorum.



Aγ, & Bγ, duæ periphe-  
riæ.

ANALYTICORUM Trian-  
gulorum secundum.

AD 2<sup>um</sup> & 3<sup>um</sup>  
circumscri-  
ptorum.



EX Analogiâ ARCHIMEDÆA.

ut	ad	ita	ad
AB	CB	AM	MC
& per synæresin.			
AB	CB	AM	MC
†		†	
CB		MC	
idest,			
AC			

& per interpretationem, & ἐναλλάξ.

AB	AC	AC	AB	CB	CM
†					
CB			CB		

TERTIVM ANALYTICUM Triangulum.

SUNT & postulata καὶ ἀποδείκνυται Triangulorum passim subaudienda, & supplenda, qualia sunt hæc.

- I. Trianguli tres angulos æquales esse Rectis.
- II. Duo quælibet latera maiora esse reliquo.
- III. Maiorem angulum à maiore latere subtendi.
- IIII. Æquiangula cruribus esse proportionalia.



## VIII.

RVRSVS AD SYNTAXIM,

*AMBITIOSÆ LINEÆ AD RECTAM ANALOGIA*  
*per plus & minus.*

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## TERMINI ANALOGI.

I.	II.	III.	IIII.
Peripheria maior.	Peripheria minor.	Sinus Peripheriæ maioris partium tot ACCVRATE', vel, & AMPLIV's.	Sinus Peripheriæ minoris partium tot multò magis & AMPLIV's.
Peripheria minor.	Peripheria maior.	Sinus Peripheriæ minoris partium tot ACCVRATE', vel, FERÈ.	Sinus Peripheriæ maioris partium tot multò magis FERÈ.

*ANALOGIA GENERALIOR*  
*in numeris irrationalibus.*

Numerus FERÈ.	Numerus ACCVRATE'.	Numerus ACCVRATE'.	Numerus ET AMPLIV's.
------------------	-----------------------	-----------------------	-------------------------

*Numerus FERÈ, id est, dum excedit iustum,*  
*ET AMPLIV's, dum deficit à iusto.*



## IX.

*ANALOGIA tandem PERIMETRI*  
*CIRCULI AD DIAMETRV M.*

*Minor verâ.*

QUALIVM Semi-Diameter

100, 000, 000.00 accuratè

Taliū Semi-Perimeter Circuli,

314, 159, 265.35 & ampliùs,*Maior verâ.*100, 000, 000.00 accuratè.314, 159, 265.37 ferè.*Media satis accuratè.*100, 000, 000.00314, 159, 265.36

## SINVS VNIVS SCRVPVLI.

*Minor vero.*29, 088.81.959 & ampliùs.l. 846, 15.94.25.69*Maior vero.*29, 088.82.056 ferè,

SER

l. 846, 15.94.81.00*Medius satis accuratè.*<sup>2</sup>9, 088.82.046l. 846, 15.94.75.52

RELIQVI Sinus, reliquâve latera, tota vel semisia, inscripta siue circumscripta, ad quâvis etiam περιώτεια Polygona, integra vel dimidia, his vestigiis prorsus Pythagoricis, Archimedæis, & Ptolemaicis non infelicitè comparantur. Et constituitur in Canone verè Mathematico, & Matheos Thesauro, TRIANGVLI PLANI RECTANGVLI, &c. ut pag. sequ.



## X.

## TRIANGVLI PLANI RECTANGVLI

AD CIRCVLVM AD COMMODATI

inſcriptione, circumſcriptioneue, SERIES TRINÆ

ſeriei Analoga, prò numero Laterum,  
vel Angulorum.

	<i>Rectus.</i>	<i>Acutus.</i>	<i>Reliquus.</i>
ANGVLI.	C.	B.	A.
LATERA.	AB.	AC.	CB.
	<i>Hypotenusa.</i>	<i>Perpendicularum.</i>	<i>Basis.</i>
<hr/>			
I.	Sinus Reſti, Totus, Hypotheticus. Semidiameter.	Sinus Peripheriæ.	Sinus Reſiduæ.
II.	Hypotenusa Fæcun- di Peripheriæ.	Fæcundus Peripheriæ.	Totus.
III.	Hypotenusa Fæcun- di Reſiduæ.	Totus.	Fæcundus Reſiduæ.

*Et cum Hypotenusa in prima ſerie peculiare nomen ſortiatur, intelligantur ſanè,  
vel ſimplici Hypotenuse nomine, Hypotenuse Fæcundorum.*

CONTENTVS autem Canon eſt centenariò millenariò numero ad taxationē Semidiametri, Totius inſcripti, & ἐπιβάλλον ad ſingula Sex-  
ſima partium CCC LX. Circuli aptare, quòd ulterius progredi ſit cūſum omninò, & oneret non inuicem Mathematicæ ſcientiæ ſtudioſos.  
Fragmentorum enim ope, ſi quando vſus poſtulet (poſtulat autem raro) comparabuntur, vel ad ſemunciam ſerè vnus ſcrupuli, numeri



congrui, cū hactenus ex canonibus Sinuum, qui videbantur accuratiores, nec ad scrupulum quidem accuratè poterant dari. At in Canonis nouā constructione, ea cura fuit, ut inter duos proximè sequentes numeros non minor esset differentia, quàm aliquot particularum viginti, & eatenus fractiones adhiberentur, alioqui neglectæ. Quod enim continuantur in serie Hypotenusa supra vicensarij numeri metam, id est o sanè, ut comitentur fragmenta baseos primæ seriei. Iuuat enim interdum collatio, atque adeo forma redditur elegantior. Cæterum cū ἐπιβάλλα ad secunda scrupula non possunt accuratè accipi, ut accidit interdum in summā angulorum acutie, commodè supplet Canonion. Quod alij tentabant suorum Canonum ad scrupulorum dextantes porrectione. Sed infelicitè & ἀτυχῶς, dum vastos numeros, & immensos, vel à tribus quatuorue primis figuris falsos, & falso enunciatos pro veris inducunt, factos videlicet à minimis irrationalibus, cū potius minimi irrationales à maximis gigni debuerant. Neque enim, si numerus 29 est Sinus vnius scrupuli, qualium Totus 100,000, ergo, qualium Fecundus vnius scrupuli erit ut Totus, talium numerus, qui prodibit ex operatione Analogicā, erit Hypotenusa fecundi. Immo præter alteram, tertiamue Hypotenusa figuram, falsæ sunt reliquæ omnes, & si circuli adderentur, tam esset accurata, ac fortasse etiam accuratior, quam cū suis adscriptis è falsa diuisione numeris. Est enim numerus 29, Sinus quidem vnius scrupuli, sed ἔργον, nō accuratus. Et ut duarum figurarum est duntaxat, ita numerum nullum suprā duas figuras efficiet accuratum. In quem tamen elenchum Rhapsodi incidere omnes, quibus oportuerat potius Archimedæā viā progredi, & filias à matre, non à matribus filias deducere. Numeri autem Canonici idè per ternas distinguuntur figuras, ne immensitas tædio sit, & aciem oculorum, cui consulendum est, offendat. Hac distinctionum commoditate non freti, solertes alioqui Logistæ, magis probabant in Canonum structuris ad Triangula, uti partium Sexagesimis, & Sexagenis, adsumpto Sinu Hypothetico partium 60, seu vnius Sexagena. At, nisi præstò sit tabula ἔξωντάδων, vix multiplicant, vix diuidunt, vix è quadratis latera extrahunt secure. Omnino lubrica est huiusmodi Logistice, & in quam negociosum est non impingere. Neque in eā, etsi Astronomicam vocant, vlla inest methodus, quæ non sit in Catholicā paratior, & expeditior. Quod enim in circulationibus, per Sexagesima præstant, & Sexagenas, adfixo circa tabellā, nō sine fastidio & lesione oculorum, intuitu, idem per partium Millesima, & Millenas promptius absoluitur, & felicius, absque ullius tabulæ inspectione, ex solā communi Arithmetices viā. Denique in Mathematicis, Sexagesimorum & Sexagenarum parcus vel nullus, Millesimorum verò & Millenarum, Centesimorum & Centenarum, Decimorum & Denarum, & istius generis verè Arithmetice adscensuum & descensuum, frequēs vel omnis, vsus esto. Subiecta tamen est post Mathematicum Canonē & Canonion, ipsa, ne quid desideretur, ἔξωντάδων TABELLA, quam alia mox sequitur, FRACTIONVM apud Mathematicos vsitatarum, alterius in alteram reductionibus adcommoda. CANONION denique Triangulorum ad singulas partes quadrantis circuli, secundum ἔξωντάδων Logisticem. Iam sequuntur καὶ ἀνακεφαλαιῶσιν INSPECTIONE

## XI. CANONICÆ



## XI.

## CANONICÆ IN TRIANGVLO PLANO RECTANGVLO

ANALOGIÆ SEX LATERVM ET ANGVLORVM CVM SINV

*Recti, seu Hypothetico. EX QVIBVS, datis præter angulum re-  
ctum, latere & angulo, vel lateribus duobus,  
datur TRIANGVLVM.*

	Sinus Recti, seu Hypotheticus	LATVS	Sinus Acuti	LATVS
I.	C	AB	A	CB
II.	C	AB	B	AC
	Sinus Hypotheticus Acuti, vt Recti	LATVS	Hypotenusa	LATVS
III.	C	CB	B	AB
IIII.	C	AC	A	AB
	Sinus Hypotheticus Acuti, vt Recti	LATVS	Fæcundus	LATVS
V.	C	CB	B	AC
VI.	C	AC	A	CB

*Quod præstant duæ intermedia, id duabus prioribus potuit absolui, nisi fortasse commodior Multiplicationis quàm Diuisionis via.*

*Vbi vero Anguli duntaxat dantur, satis ex superioribus intelligitur dari laterum rationem, adsumptis è Canonis utrâlibet serie numeris congruis, ex primâ dum Sinus Totus assignatur Hypotenusæ, ex secundâ dum basi, ex terciâ dum perpendiculo.*



## XII.

## ANALOGIÆ TOTIDEM

*Abs Sinu Recti.*

I.	Sinus	LATVS	Sinus	LATVS
	A	CB	B	AC
II.	Fæcundus	LATVS	Sinus	LATVS
	A	AB	A	AC
III.	B	AB	B	CB
	Hypotenusa	LATVS	Fæcundus	LATVS
IIII.	B	AB	B	AC
	A	AB	A	CB
V.	Hypotenusa	LATVS	Hypotenusa	LATVS
	A	CB	B	AC
VI.	A	CB	B	AC



## XIII.

*AD SYNTAXEOS NORMAM, in Analyſi, TRIANGVLA  
PLANÆ RECTANGVLÆ TRIA, DISPOSITIS, VT DEINCEPS PERPETVO  
obſervabitur, novâ & analogâ methodo terminis.*



## PRIMUM.

C	AB	A	CB	B	AC
Sinus Recti, TOTVS.	Subtenſa Peripheriæ integræ.	Sinus dimidiæ.	Sinus Verſus integræ.	Sinus Reſiduæ dimidiæ.	Sinus Peri- pheriæ inte- græ.

*Rectangulum C in CB æquale Rectangulo A in AB, id eſt, duplo quadrato Sinus dimidiæ. Quod pertinet ad 3<sup>um</sup> poſtulatũ inſcriptorum.*

## SECUNDVM.

C	AB	A	CB	B	AC
Sinus Recti, TOTVS.	Subtenſa Peri- pheriæ, quâ dif- ferunt duæ.	Sinus dimidiæ eius, quæ fit è duabus aggrega- tis.	Hyperoche ſinuum Reſi- duarum.	Sinus Reſidui di- midiæ eius, quæ fit ex duabus ag- gregatis.	Hyperoche ſinuum duarum.

*Si duæ Peripheriæ æquidistant à LX, in contrarias videlicet partes, aggregatæ ſemper erunt VI<sup>xx</sup>. Dimidium aggregatarum LX, angu-  
lus A. & Angulus B XXX, cuius ſinus 50,000 dimidius C. Ergo AC dimidius AB. Eſt autem AB ſinus duplus differentiæ dimi-  
diæ duarum, ſeu integræ, quâ abſunt à LX. & ideò AC ſimplus. Quod pertinet ad 4<sup>um</sup> poſtulatũ inſcriptorum, & ad Conſectarium.*



TERTIVM.

C	AB	A	CB	B	AC
TOTVS.	Hypotenusa Peripheriæ.	Sinus Residuæ.	TOTVS.	Sinus Peripheriæ.	Fæcundus Peripheriæ.
Hypotenusa Residuæ.	Hypotenusa Peripheriæ.	<i>Et per Synthesim,</i> Fæcundus Residuæ.	TOTVS.	TOTVS.	Fæcundus Peripheriæ.
TOTVS.	Hypotenusa Residuæ.	<i>Item per Synthesim,</i> Sinus Residuæ.	Fæcundus Residuæ.	Sinus Peripheriæ.	TOTVS.

*Vel, propter Analogiam Archimedæam,*

C	BM	M	CB	B	CM
TOTVS.	Hypotenusa Residuæ dimidiæ.	Sinus Residuæ di- midia.	Hypotenusa & Fæcundus Re- siduæ integræ aggregata, seu FÆCUNDVS dimidiæ Resi- duæ.	Sinus Peripheriæ dimidiæ.	TOTVS.

ANALOGIA ARCHIMEDÆA.

AB	CB	AC	CM
$\dagger$ CB Hypotenusa Peri- pheriæ integræ, plus Toto.	TOTVS.	Fæcundus integræ.	Fæcundus dimidiæ.
Hypotenusa Resi- duæ, plus Fæcun- do Residuæ.	Fæcundus Residuæ.	<i>vel,</i> TOTVS.	Diesis * Totius.
AC	*	$\dfrac{AB}{CB}$ Hypotenusa Residuæ, minus Fæcundo Residuæ.	
TOTVS.			

\* Vnde, si CB fit Totus  
sicut AC, erit CM si-  
cut AB minus CB.  
Quod pertinet ad postu-  
latum 3<sup>um</sup> circumscri-  
ptorum.

\* Vnde, si CM  
fit Totus sicut  
AC, erit CB si-  
cut AB plus  
CB. Quod perti-  
net ad postulatam  
2<sup>um</sup> circumscrip-  
torum.



*ANALOGIA E j. Triangulo*  
*per Diæresim, & interpretationem, negotio benè adcommoda.*

C  
Torus

AB  
Sinus duplus  
Peripheriæ.

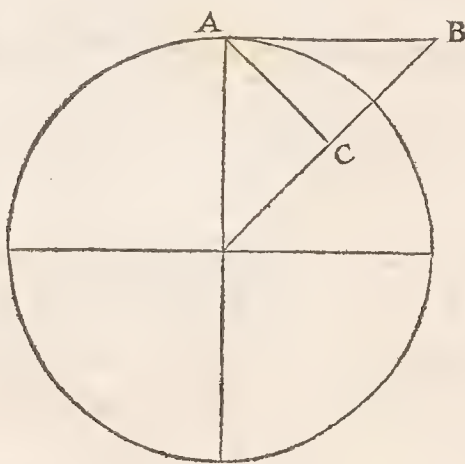
C minus B	AB minus AC
Versus Peripheriæ.	Excessus sinus dupli, suprà sinum duplæ.
A	CB
Sinus simplicus.	Versus duplæ.

*ALIA*

*E ij. Triangulo,*

C  
Torus.

AB  
Fæcundus  
Peripheriæ.



*ut videre est, secto.*

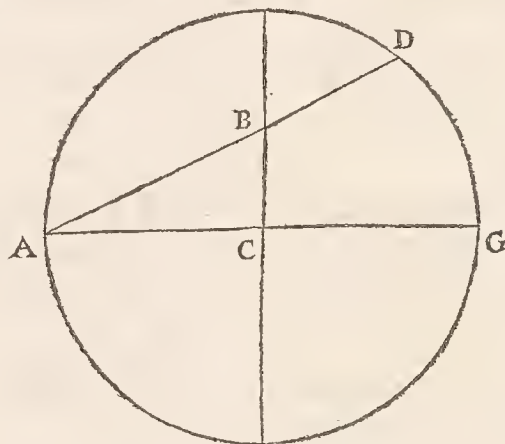
A	CB
Sinus Peripheriæ.	Excessus Hypotenusæ Peripheriæ suprà sinum Residuæ.
B	AC
Sinus Residuæ.	Sinus Peripheriæ.

*ALIA*

*E subiecto*

C  
Torus.  
AC  
Semidiameter.

AB  
Hypotenusæ  
Peripheriæ.



*Diagrammate.*

B	AC
Sinus Residuæ.	Semidiameter.
AD	AC
Sinus duplus Resi- duæ.	Diameter.

*Confectarium insigne.*

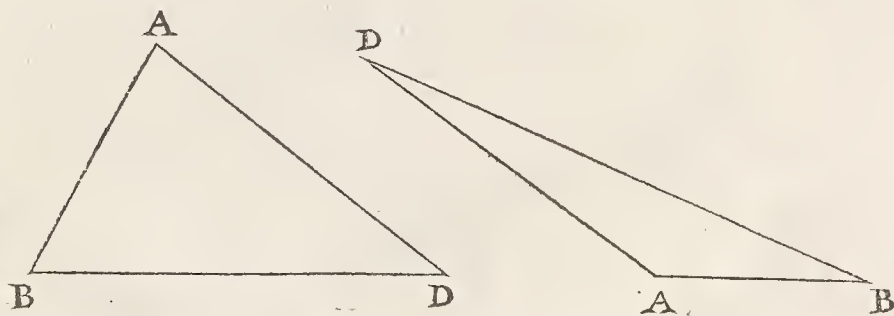
Latus quadrati circulo inscripti est proportionale inter Hypotenusam Peripheriæ, & sinum duplum Residuæ.

*Quippe latus quadrati potest duplum Semidiametri, quod est, Factum Semidiametri in Diametrum.*



## XIIII.

## TRIANGVLVM PLANVM OBLIQVANGVLVM.

*Anguli.*

- A, Angulus verticis.  
 B, Angulus ad basim sinister.  
 D, Angulus ad basim dexter.

*Latera.*

- BD, Basis.  
 AD, Crus dextrum.  
 AB, Crus sinistrum.

PLANA Obliquangula diducuntur in duo Rectangula, educto perpendicularo ab angulo verticis ad basim. Ita verò sectio instituenda est, ut è tribus datis terminis (tot enim exiguntur) duorum saltem non offendatur notitia.

TERMINI PLANI OBLIQVANGVLI  
 SERIE ANALOGA.

Sinus	LATVS	Sinus	LATVS	Sinus	LATVS
A	BD	B	AD	D	AB

*Ex inscriptione Trianguli in Circulo.*

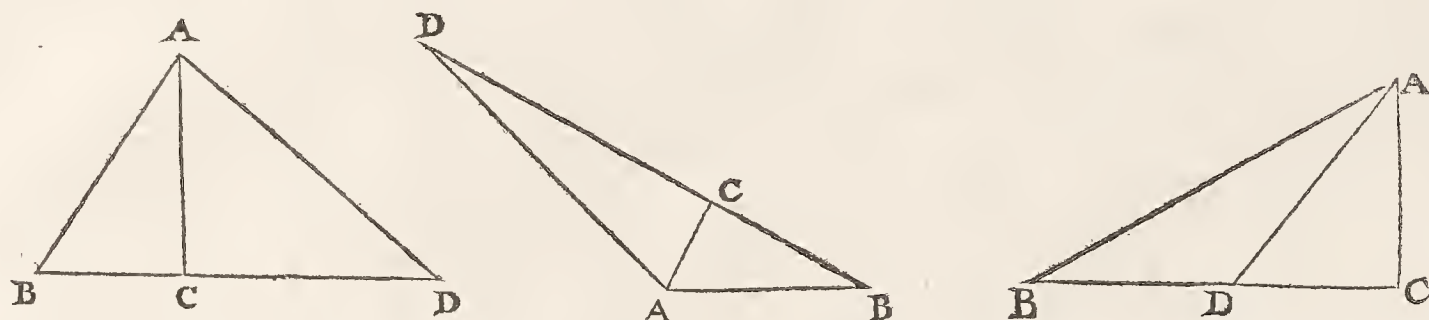
*Meminisse autem oportet in obtusangulo obliquangulo Anguli obtusi amplitudinem, ut exterioris, non interioris, à Latere subtendi, cum sit Diameter maxima inscriptarum.*



## XV.

## PARASCEVÆ AD SECTIONES OBLIQUANGVLORVM.

## 1. Dum ex Lateribus exquiruntur Anguli.



AD potest AB & BD, minùs BD in CB bis.

IGITVR in Triangulo obliquangulo ABD datorum laterum, educto perpendiculo ab A verticis angulo ad BD basim, Si à potentiis AB cruris sinistri, & BD baseos aggregatis, auferatur potentia cruris dextri AD, & reliqui dimidium diuidatur per BD basim, prodibit CB, Quod erit, vel baseos segmentum sinistrum, si minus basi, vel, si maius, basis ipsa in dextram protracta, secundum anguli ad basim dextri adfectionem, quo nempe acuto cadit perpendiculum intra, obtuso extra Triangulum.

Απόδειξις.

Dum perpendiculum cadit intra Triangulum, BD in CB bis, equale est CB bis in se, & CD bis in CB, sicuti 7 in 4 equale est 4 in 4, & 3 in 4. At AD potest AC & CD. AB verò potest AC & CB. BD item potest CB & CD, & CD in CB bis. Auferatur igitur potentia AC & CD à potentiis AB & BD, remanebit CB bis in se, & CD in CB bis.

Dum perpendiculum cadit extra, BD in CB bis, equale est BD bis in se, & BD in CD bis. At AD potest AC & CD. AB verò potest AC & CB. Et illud CB potest CD, & BD, & bis BD in CD. Tantæ potentie AB adiungatur potentia BD, & ab aggregato dematur potentia AC & CD, remanebit BD bis in se, & BD in CD bis.

POTVIT idipsum aliter enunciari, nec dissimili viâ demonstrari.

AB potest AD & BD, minùs BD in CD bis.

ITEM, ex additionum & subductionum regulis,

AB potest AD, minùs BD, plus BD in CB bis.

vel,

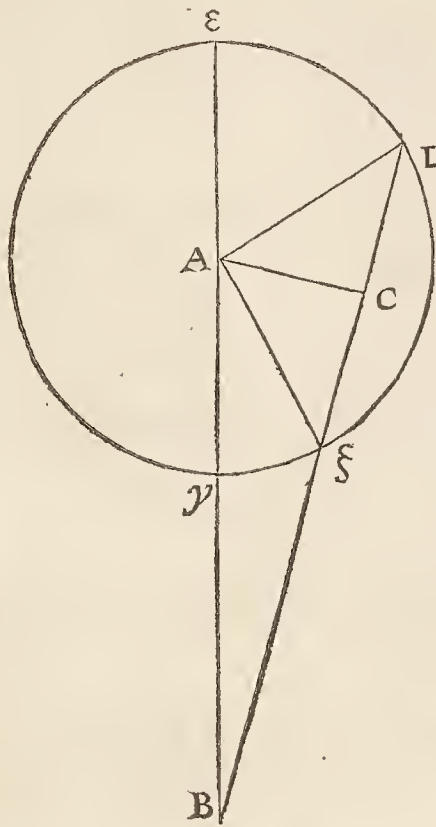
AD potest AB, minùs BD, plus BD in CD bis.

## TERMINI ANALOGA SERIE.

I.	II.	III.	IIII.
Basis.	Dimidia Potens crus dextrum & basim, minùs crure sinistro.	Dimidia Potens crus dextrum & basim, minùs crure sinistro.	Baseos à perpendiculari segmentum cruri sinistro conterminum, vel ipsa Basis in dextram protracta.
	VEL,		
Basis.	Dimidia Potens crus sinistrum & basim, minùs crure dextro.	Dimidia Potens crus sinistrum & basim, minùs crure dextro.	Baseos à perpendiculari segmentum cruri dextro conterminum, vel ipsa Basis in sinistram protracta.

## 2. Aliter, Parasceue



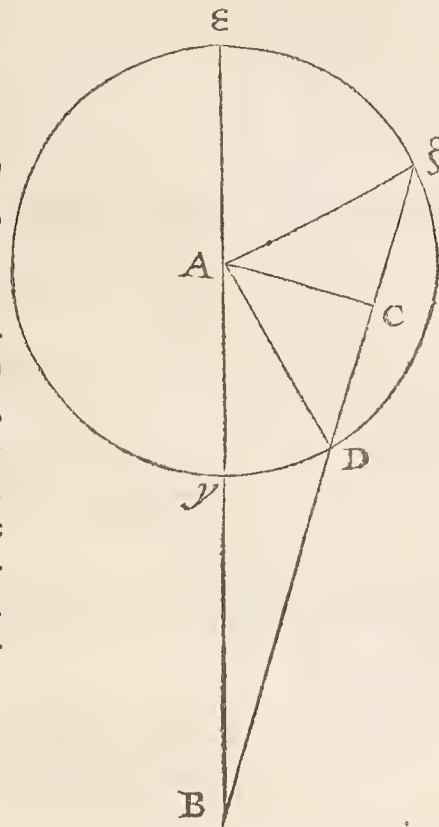
2. *Aliter, Parascene, dum ex lateribus exquiruntur anguli.*

FACTVM BE in B  $\gamma$  æquatur  
facto BD in B  $\zeta$ .

IGITVR in Triangulo obliquangulo ABD  
datorum laterum, educto perpendicularo ab A,  
vt verticis angulo ad BD basim,  
Addatur AB crus AD cruri,  
Ducatur BE aggregatum, in B  $\gamma$  excessum lon-  
gioris, Factum illud (cui æquatur BD in B  $\zeta$ )  
diuidatur per B D Basim. Inter B  $\zeta$  quociẽtem,  
& B D basim, D C differentia dimidia, erit B D  
baseos ab educto A C perpendicularo contractio,  
protractiove. Contractio, si basis quotiente  
maior, Protractio, si quotiens basi, Secun-  
dum anguli à basi & crure breuiore comprehẽsi  
adfectionem, quo nempe acuto cadit perpendi-  
culum intra, obtuso extra Triangulum.

Ex elementis Euclidæis Prop. 36. lib. vi.

TERMINI ANALOGA SERIE.



I.  
Basis.

II.  
Differentia  
crurum,

III.  
Crura ag-  
gregata.

III.  
Basis contracta, vel produ-  
cta duplâ contractione, vel pro-  
ductione ad eam, quâ contrahe-  
retur, vel produceretur à perpendicularo.

BD

B  $\gamma$

B  $\epsilon$

B  $\zeta$

DEINCEPS ANALOGIÆ.

1. Crus breuius.

Baseos contractio,  
vel productio à per-  
pendicularo.

Sinus  
Recti.

Sinus complementi anguli  
à crure breuiore, & basi com-  
prehensi, interioris, exteriorisve.

A  $\zeta$

CD seu C  $\zeta$

C

c A d seu  $\zeta$  A c

2. Crus longius.

Basis contracta, vel pro-  
ducta à perpendicularo.

Sinus Recti.

Sinus complementi anguli à cru-  
re longiore, & basi comprehensi.

AB

AC

C

b A c

3. *Anceps Obliquangulum.*

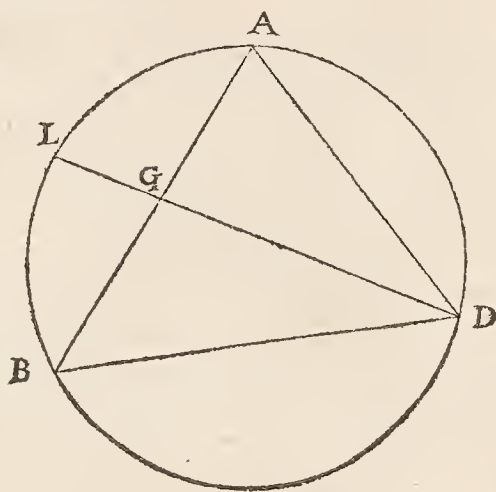
PLANE, Datis cruribus & angulorũ ad Basim altero, duo in quæ secatur obliquangulum, dabuntur triangula rectan-  
gula. At ipsum obliquangulum anceps est. Anceps quippe basis, contracta vel producta à perpendicularo, anceps  
angulus perpendiculari, contractus vel productus, anceps denique angulus reliquus ad basim, exterior vel inte-  
rior. At horum altero constituto, constituitur consentaneè totum Triangulum. Vt, in alterâ figurarum, Datis A B,  
& latere quod sit longitudinis A D, quantum est etiam A  $\zeta$ , cum angulo B, Dabuntur Triangula rectangula A C B, & A C D,  
cui æquale A c  $\zeta$ . At ipsum obliquangulum erit A B D, vel A B  $\zeta$ . Vbi verò definiuerimus anguli ad basim reliqui adfectionem, in-  
teriore videlicet eum esse, vel exteriorem, acutum vel obtusum, definiemus congruè reliquos quoque terminos. Et huc pertinet Pro-  
pos. 51 lib. j. Triang. Regionont.



4. *IN OBLIQUVANGVLIS SECTIS*  
*in Obliquangula frequens Parascene.*

I.  
Latus secans  
angulum.

II.  
Segmentum late-  
ris angulum se-  
ctum subten-  
dentis vnum.



III.  
Segmentum  
alterum.

III.  
Lateris sequentis  
productio ad peri-  
pheriā vsque Cir-  
culi triangulum  
circumscribentis.

Ex elementis Euclidæis,

propos. 35. lib. iij.

Porrò, in bisectione D anguli, duplum D G lateris secantis semper minus est cruribus A D & B D aggregatis. Quod  
 apud Archimed. demonstrat Command. lib. De lineis Spiralib. proposit. 13.

5. *IN MISCELLANEIS denique PLANORVM*  
*SELECTIONES ALIQVOT ANALOGIÆ, AC PRIMVM,*  
*ΕΙΔΙΚΩΤΕΡΑΙ.*

i. *IN RECTANGVLO, EDVCTA AB ANGVLO RECTO PERPENDICVLARI.*

I. Hypotenufa.

II. Perpendicu-  
lum, vel Ba-  
fis.

III. Basis, vel Per-  
pendiculum.

III. Perpendicularis  
ab angulo Re-  
cto educta.

A B

~~GB~~ GB.

A G

~~CB~~ CB.

II Hypotenufæ à  
Perpendicu-  
lari segmen-  
tum vnum.

Perpendicu-  
laris.

Perpendicula-  
ris.

Hypotenufæ se-  
gmentum alte-  
rum.

A C

G C

G C

C B

III Hypotenufa.

Latus vnum  
circa rectum.

Latus idem.

Hypotenufæ à  
Perpendiculari  
segmentum lateri conterminum.

A B

G B

GB

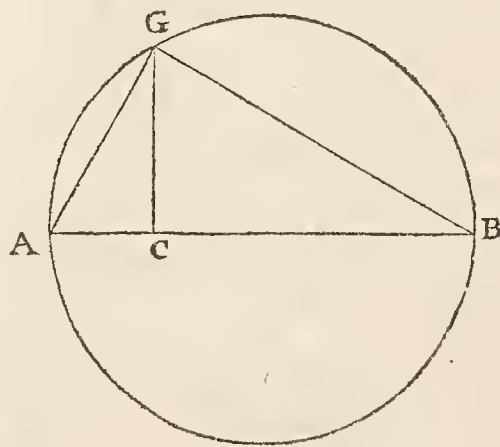
C B

A G

A G

AG

A C



SUNT enim æqui-angula  $\begin{cases} A G B \\ A C G \\ G C B \end{cases}$  & ideo lateribus homologa.



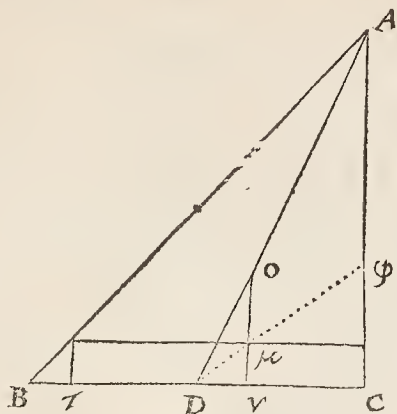
ii. IN OBTVS ANGVLO OBLIQV ANGVLO EDVCTA A VERTICE  
Perpendiculari, & duabus ei Parallelis, à singulo videlicet crure singulâ, inæqualis Altitudinis sub æquali Basi.

Differentia Alti-  
tudinum inter  
Parallelas.

Altitudo minor.

$o\mu$

$\mu\nu$



Basis obliquan-  
guli, seu Differen-  
tia baseon duo-  
rum, in quæ seca-  
tur, rectagulorū.

BD

Basis productio-  
nis obliquaguli,  
seu rectanguli  
minoris.

DC

Est enim BD ad DC, ut Aφ ad φC: oμ verò ad μν est, ut Aφ ad φC. Nam D o ad oν est, ut DA ad AC: & D μ ad μν ut D φ ad φC: & D o ad DA ut D μ ad D φ. Vnde oν ad μν est ut AC ad φC. Ergo ut oν minus μν, id est oμ, ad μν, ita AC minus φC, id est Aφ, ad φC.

iii. IN OBTVS ANGVLO OBLIQV ANGVLO, EDVCTA A VERTICE  
Perpendiculari, & duabus ei Parallelis, à singulo videlicet crure singulâ æqualis Altitudinis sub inæquali Basi.

Differentia ba-  
seon, sub quibus  
elata sunt Paral-  
lelæ.

B o

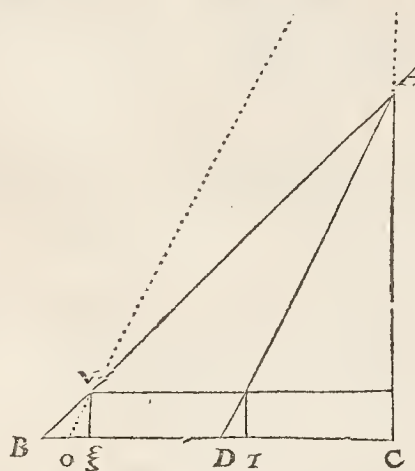
Basis longior sub  
quâ elata est al-  
tera Parallelarum.

B ξ

Item

Altitudo Paral-  
lelarum.

ν ξ



Basis obliquan-  
guli, seu Differen-  
tia baseon duo-  
rum, in quæ seca-  
tur, rectagulorū.

BD

Basis obliquan-  
guli producti,  
seu rectanguli  
maioris.

BC

Altitudo trian-  
guli.

AC

Est enim B ξ ad BC, ut ν ξ ad AC: & ν ξ ad AC, ut D T seu o ξ, ad DC: & ideo ut B ξ minus o ξ, id est B o, ad B ξ, ita BC minus DC, id est BD, ad BC.

iiii. IN RECTANGVLO, VEL OBLIQV ANGVLO, INTRA QVOD  
describitur Quadratum.

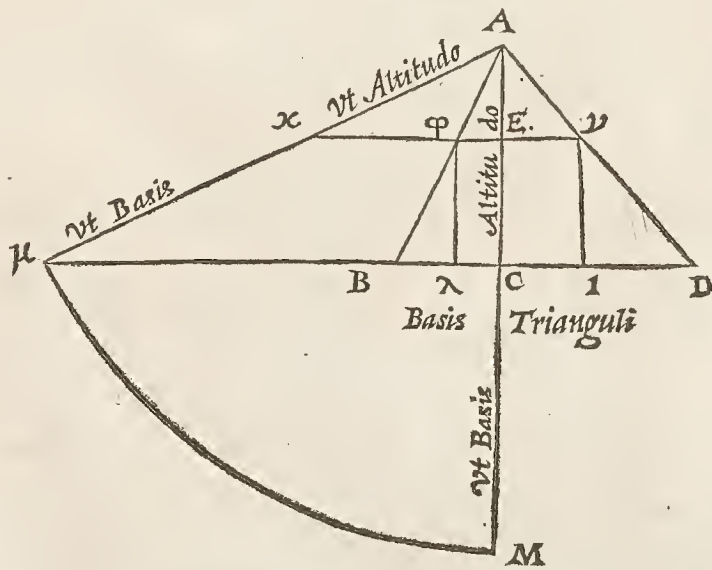
Basis, & altitudo  
Trianguli,  
aggregata.

A μ

æqualis  
AC & BD  
aggregatis

Basis.

x μ  
æqualis  
BD



Altitu-  
do.

AC

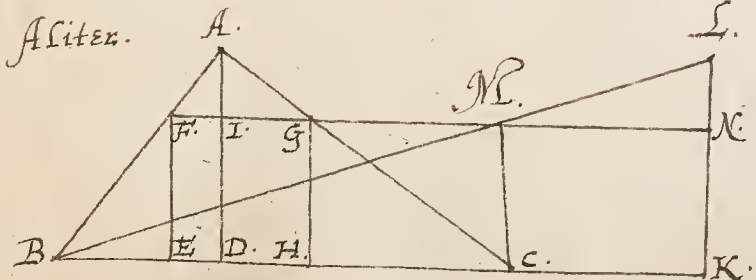
Latus quadra-  
ti triangulo in-  
scripti.

EC

Ex constructione AE ad EC, est, ut AC ad BD, & permutando AC ad AE, ut BD ad EC. At ut AC ad AE, ita AD ad AG, ita etiam BD ad φ γ. Est igitur φ γ eadem quæ EC.

D ij

AE. EC. AC. DB. #. xA & x μ.  
AC. AE. BD. EC. vel. AC. AE. μx. EC.  
AC. AE. AD. AY. & BD. ad. φ γ.  
AC. AE. BD. φ γ. ergo: φ γ # EC.

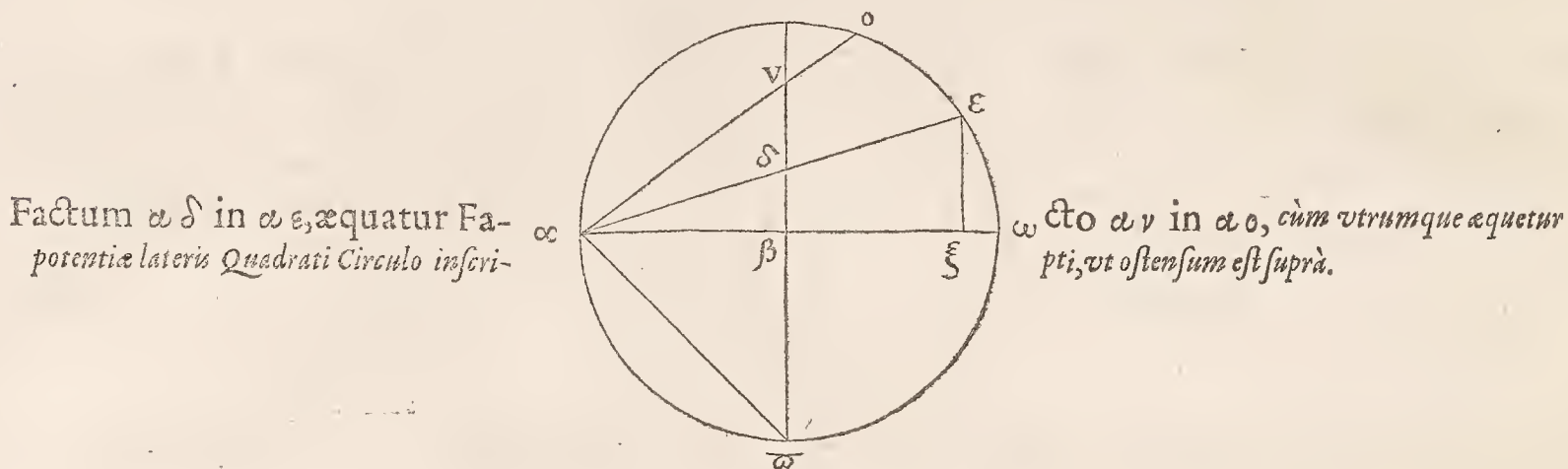


AD # CK. AD. AI. BC. ID.  
LK # AD. AI. ID. AD. BC.  
mn # AD. AD. AI. AC. AG. & AG. ad. IG.  
AI # LK. AD. AI. DB. FI. ergo.  
mc # ID. AD. AI. DC + BD. FI + IG.  
ergo AD. AI. BC. FG. quod demonstrandum erat  
FG # ID. i.

Guilielmus  
Heslous. Szpetem.  
17. 1617.



v. IN QVADRISECTO A DVABVS DIAMETRIS CIRCULO.

Factum  $\alpha \delta$  in  $\alpha \epsilon$ , æquatur Fa-  
porentiæ lateris Quadrati Circulo inscri- $\omega \epsilon$  to  $\alpha v$  in  $\alpha o$ , cum utrumque æquetur  
pti, ut ostensum est suprâ.

Et ideo sunt Analogi Termini.

$\alpha \delta$ I	$\alpha v$ II	$\alpha o$ III	$\alpha \epsilon$ IIII
Lateris educti ab angulo Semi-circuli segmentum à Diametro diagoniâ.	Segmentum Lateris se- cundi.	Latus secundum.	Latus primum.

NEC male ita enunciabitur Theorema. Si rectæ inscribantur in Circulo, ab eodem Peripheriæ puncto, vnâ cum Diametro  
& secentur ab altera Diametro diagoniâ, Rectâgula contenta sub tota, & segmento ei puncto è quo educuntur conter-  
mino, sunt æqualia.

SED neque sunt omittendæ ex eodem Diagrammate hæ non pauca utilitatis Analogiæ.

I	$\alpha \beta$ quadr.	$\beta \delta$ quadr.	$\alpha \xi$	$\xi \omega$
II	$\alpha \beta$ quadr.	$\alpha \delta$ quadr.	$\alpha \xi$ semis.	$\alpha \beta$ semis.
III	$\alpha \delta$ quadr.	$\beta \delta$ quadr.	$\alpha \beta$	$\xi \omega$

AD Demonstrationem 1<sup>a</sup>, Vt quadratum  $\alpha \epsilon$  ad quadr.  $\epsilon \xi$ , ita  $\alpha \xi$  ad  $\xi \omega$ , cum sit  $\epsilon \xi$  proportionalis media inter  $\alpha \xi$  &  $\xi \omega$ . At  $\alpha \beta$  ad  $\beta \delta$  est in ea ra-  
tione, quâ  $\alpha \xi$  ad  $\xi \epsilon$ . Ad 2<sup>am</sup> Vt quadr.  $\alpha \xi$  ad quadr.  $\alpha \epsilon$ , ita  $\alpha \xi$  ad  $\alpha \omega$ , cum sit  $\alpha \epsilon$  proportionalis inter  $\alpha \xi$  &  $\alpha \omega$ . At eadem est ratio  $\alpha \xi$   
ad  $\alpha \epsilon$ , quæ  $\alpha \beta$  ad  $\alpha \delta$ . Item ratio  $\alpha \xi$  ad  $\alpha \omega$  eadem quæ  $\alpha \xi$  semis ad dimidium  $\alpha \omega$ , id est,  $\alpha \beta$ .  
Tertia est Synthesis è prima, Vt  $\alpha \beta$  quadratum plus  $\beta \delta$  quadrato, id est,  $\alpha \delta$  quadrat. ad  $\beta \delta$  quadrat. Ita  $\alpha \xi$  plus  $\xi \omega$ , id est  $\alpha \omega$ , ad  $\xi \omega$ . Ita igitur quoque  
 $\alpha \omega$  semis, id est  $\alpha \beta$ , ad  $\xi \omega$  semis.

## Γ Ε Ν Ν Ι Κ Ω Τ Ε Ρ Α Ι.

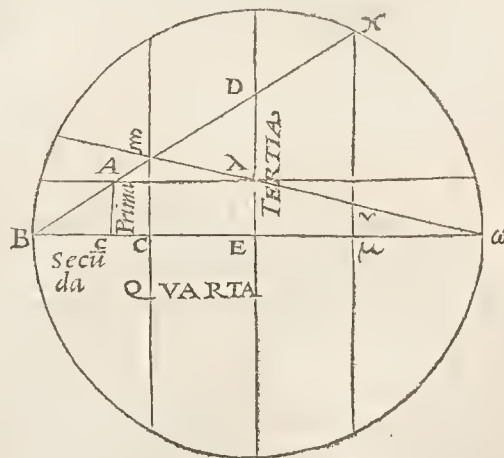
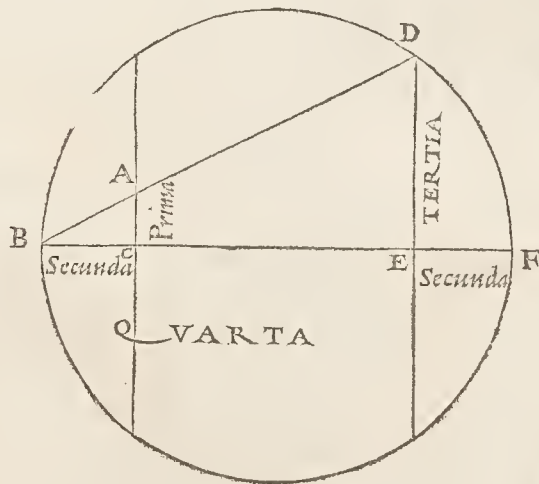
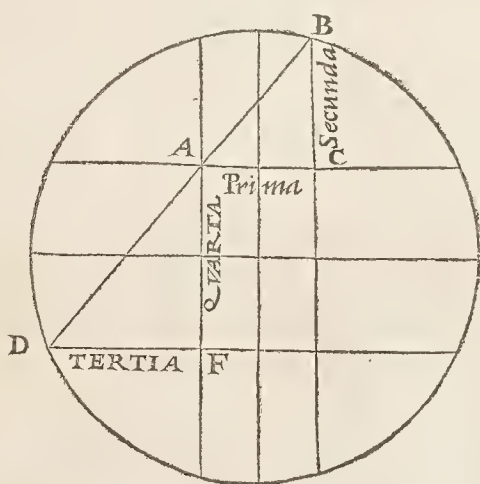
j.	IN LINEA SECTA.		
Dimidia potens lineam minùs vtro- que segmento separatim.	Segmentum vnum.	Segmentum alterum.	Dimidia potens lineam, minùs separatim vtroque segmento.
		Item.	
Potens dimidiam, minùs differentia inter dimidiâ, & secus sectæ quàm bifariam, Diesimvel Apotomen.	Diesis sectæ.	Apotome sectæ.	Potens dimidiam, minùs diffe- rentia inter dimidiam & se- cus sectæ quàm bifariâ, Die- sim vel Apotomen.
ij.	IN LINEA SECTA MEDIA ET EXTREMA RATIONE.		
Tota.	Maius segmentũ, id est, excessus, quo Potens totam & dimidiâ, separatim, superat dimidiam.	Maius segmentum.	Minus segmentum.
Tota continuata maiore segmẽto.	Tota.	Tota.	Maius segmentum.



Tota continuata minore segmento.	Minus segmentum.	Item,	Tota.	Quinta pars totius continuata minore segmento.
Minus segmentum.	Maius segmentum.	Item,	Differentia segmentorum.	Minus segmentum.
Linea prima.	Linea secunda.	IN DVABVS LINEIS.		Quadratum è secunda.
Prima.	Tertia.	IN TRIBVS PROPORTION ALIBVS.		Quadratum è secunda.
Prima.	Quarta.	IN QVATVOR CONTINVE PROPORTION ALIBVS.		Cubus è secunda.
Quadratum segmenti primi, Quadratum segmenti secundi, Bis rectangulum sub segmentis, Aggregata,	vel,	SECTIO QVADRATI. Duplum quadratum primi segmenti, Duplum quadrati secundi, aggregata, Minus differentiâ quadratâ segmentorum,		æquantur Quadrato Totius.
	vel,	SECTIO CVBI. Cubus segmenti primi, Cubus secundi, Triplum segmenti primi in quadratū secundi, Triplum secundi in quadratum primi, Aggregata,		æquantur Cubo Totius.

Ad quæ pleni sunt Apodæxeon Geometrici libri.

### 6. QVATVOR continuè Proportionalium Diagrammata.



In Primo.

Triangula ACB & AFD sunt æquiangula. Et si à puncto D ducatur linea per E centrum, cadet in puncto G, unde angulus ABG rectus,eductâ subtenſâ BG, & ita BC secunda, est proportionalis inter AC primam, & CG seu DF tertiam.

In Secundo.

Vt BE ad ED, ita BC seu EF ad AC. Est autem ED proportionalis inter BE & EF.

In Terrio.

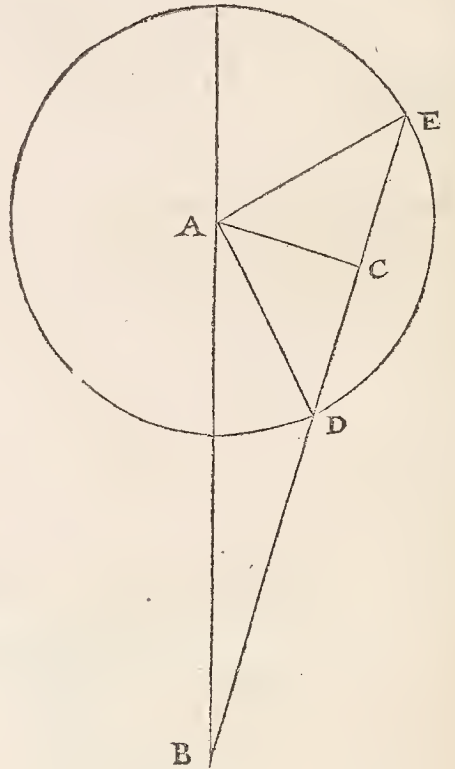
BE ad ED est vt BC ad AC, seu Eλ. Erit autem ED proportionalis inter BE & BC, si ED se habet ad Eλ, vt quadratum ED ad quadratum BC, seu vt quadratum BE ad quadratum ED. Sanè vt Bμ ad μκ, ita μκ ad μω, idè vt Bμ ad μω, ita quadratum Bμ ad quadratum μκ. sunt autem æquiangula Triangula Bμκ & BED: idè vt Bμ ad μκ, ita BE ad ED, & consequenter eorum quadrata sunt homologa. At vt Bμ ad μω, seu BG, esse ED ad Eλ ostenditur. Quoniam Bμκ & BGξ sunt æquiangula, ita Bμ ad BG, est vt μκ ad Gξ. μκ autè ad ED, est vt Bμ ad BE: item Gξ ad Eλ, est vt Gω seu Bμ ad Eω seu BE, sunt enim æquiangula ωEλ & ωγξ. Ergo μκ ad ED est vt Gξ ad Eλ, & permutando ED ad Eλ vt μκ ad Gξ, & consequenter vt Bμ ad μω.



7 *EX dato RECTANGVLO equali ei, quod sub Lateribus continetur, cum Differentiâ, vel aggregato eorundem, dantur Latera.*

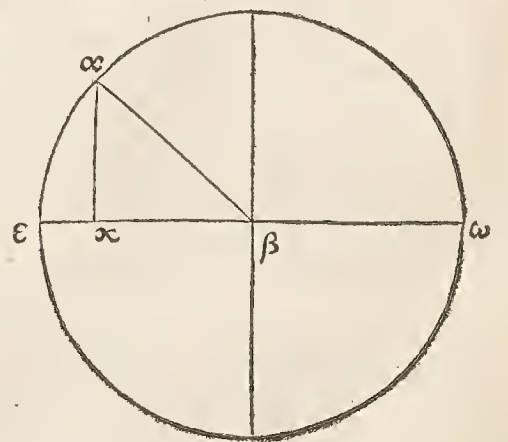
CONSTITVTIONE DVORVM PLANORVM RECTANGVLORVM TRIANGVLORVM In iam proposito Diagrammate.

I.	AD	CD	AC
	Differentia dimidia terminorum extremorum, seu, Maior.	Differentia dimidia terminorum mediorum, seu, Minor.	Commune Perpendicularum.
II.	AB	CB	AC
	Differentia dimidia Maior, plus extremo minimo termino, seu, Dimidium extremorum terminorum aggregatorum.	Differentia dimidia Minor, plus medio minimo termino, seu, Dimidium mediorum terminorum aggregatorum.	Commune Perpendicularum.



IN ARITHMETICIS PARADIGMA.

Esto numerus 240 factus ex duobus numeris, quorum differentia datur 14. Placet exquirere qui sint illi numeri. Si adsumatur numerus quaternarius ad terminum unum, is diuisor numeri 240 dabit 60, qui erit alius terminus, ambo medij vel extremi. Horum differentia 56. At proponitur differentia minor terminorum ignotorum, nempe 14, qui ideo erunt medij ad adsumptos. Quadratum 7 dimidia differentie mediorum est 49, quod demptum à 784 quadrato 28 dimidia differentie extremorum terminorum relinquit numerum 735 subducendum à 1024, quadrato 32, numeri conflati ex dimidia differentia extremorum plus minimo eorundem, & remanebit 289 quadratum 17, numeri videlicet minimi medij plus differentia dimidia qua medius maior eum excedit. Est igitur numerus ille minimus medius 10, alter 24, & ut 4. ad 10. ita 24, ad 60. At dum datur, non differentia, sed aggregatum, tunc à posteriore triangulo inchoanda operatio est, non dissimili deinde methodo exequenda. Vel, & facilius ex subiecto alio Diagrammate, A quadrato  $\alpha\beta$ , quæ est semisus ex  $\alpha$  &  $\omega$  aggregatarum, auferatur quadratum  $\alpha\alpha$ , quod dabitur, cum possit rectangulum  $\alpha\alpha$  in  $\alpha\omega$ , cui datum est æquale. Residuum erit quadratum  $\alpha\beta$ , Differentia inter dimidiam aggregatarum, & segmentorum  $\epsilon\alpha$  vel  $\alpha\omega$ . Et huc pertinet v. Proposit. lib. ij. Element. Euclid. Tradit item Diophantus lib. j. rerum Arithmet. propos. xxx.





8. *EX dato RECTANGULO equali ei, quod sub Lateribus continetur, cum Ratione eorundem, alterius ad alterum, dantur Latera.*

*ANALOGIA VN̄A, E CATHOLICO THEOREMATE, SVBTENSAS IN CIRCVLIS, SINVSVE, ESSE VT DIAMETROS.*

I.  
Rectangulum ex Terminis analogis, seu datæ rationis.

II.  
Quadratum alterius ē Terminis analogis.

III.  
Rectangulum ex Terminis veris.

III.  
Quadratum alterius ē Terminis veris.

IN APODICTICO DIAGRAMMATE,

Potentia  $\iota\beta$ .

Potentia  $\alpha\beta$ .

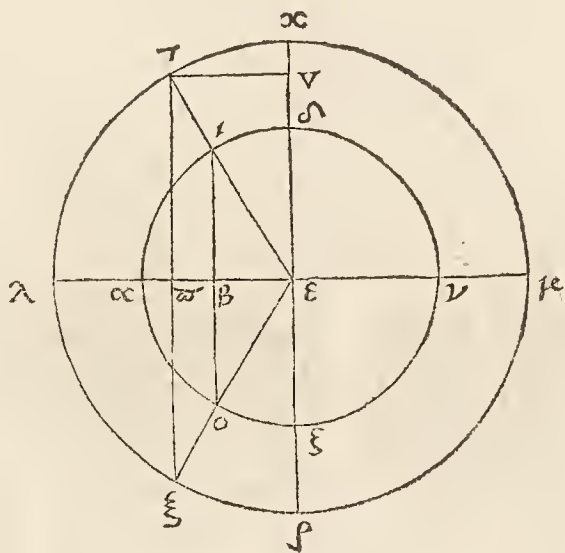
Potentia  $\tau\varpi$ .

Potentia  $\lambda\varpi$ .

Vnde latus ipsum, per quod tandem diuiso Rectangulo, prodibit latus reliquum.

Αποδεικτικὸν Διάγραμμα.

$\lambda\varpi$ , &  $\pi\mu$ , Latera quæ comprehensum Rectangulum seu  $\nu\epsilon$ , &  $\xi\eta$  habent, vt  $\alpha\beta$



sita. Sub quibus videlicet lum æquale est quadrato  $\tau\pi$ , ad  $\beta\gamma$ , ex hypothesis.



## XVI.

*PLANI OBLIQVANGVLI IN OBLIQVANGVLA  
secti Theoria, & adsequendi Methodus aliquibus datis.*

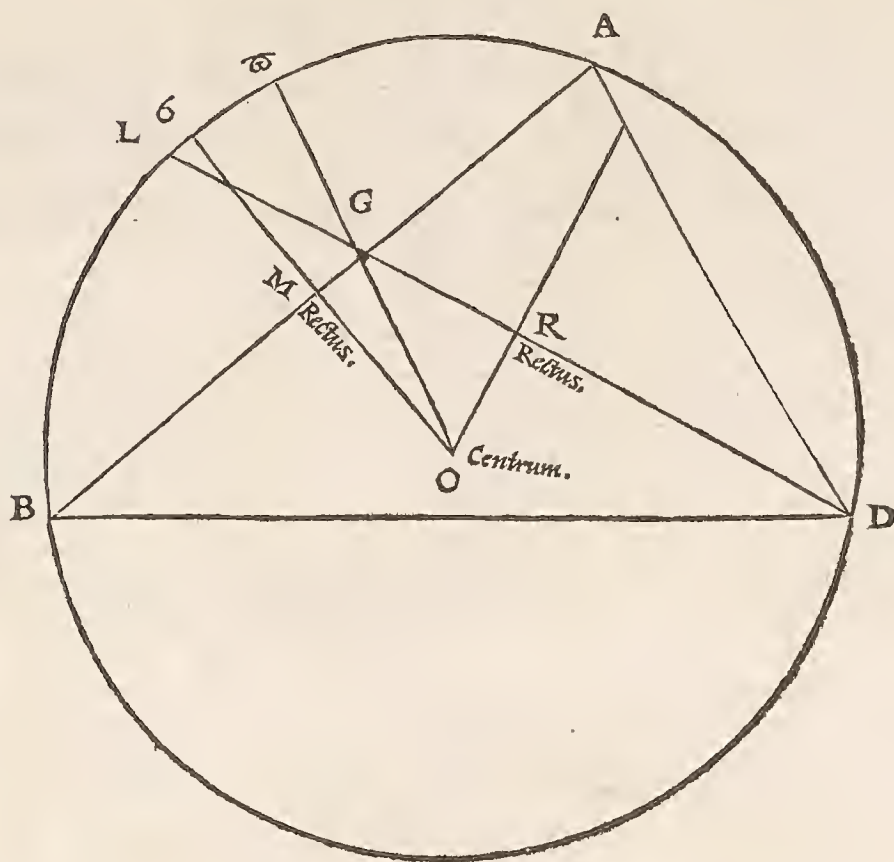
TRIANGVLVM Obliquangulum	ABD,
Si secetur in duo obliquangula	AGD, & GBD,
Et detur Angulus sectus	D,
& ratio secantis	DG,
ad alterutrum segmentorum	GB, vel GA,
Ipse etiam ratio segmentorum,	GB ad GA,
TRIANGVLA erunt data,	

*QVATVOR QVÆ SEQVNTVR ANALOGIIS,*

*Descripto Circulo circa Triangulum, & ductis à centro tribus Semidiametris, unâ per punctum sectionis,  
alterâ orthogoniâ ad Basim, tertiâ orthogoniâ ad Lineam secantem.*

I. AB		II. DG		III. AB		III. DG	
I.	Basis secta, Tota, in partibus lineæ secantis.	II.	Linea secans in partibus datis.	III.	Basis secta in partibus Semidiametri Triangulum circumscribentis, Subtensa duplo totius anguli secti.	III.	Linea secans in partibus quoque eiusdem Semidiametri, Subtensa congrua.
II.		III.		IV.		V.	
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II.		III.		IV.		V.	
II.		III.		IV.		V.	
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II.		III.		IV.		V.	
II.		III.		IV.		V.	
II.		III.		IV.		V.	
II.		III.		IV.		V.	





I.  
RO  
III. Subtensæ productæ  
dimidiæ Basis.

II.  
GR  
Differētia inter Sub-  
tensam dimidiam  
productam, & con-  
gruam integram.

III.  
G  
Sinus Hypothe-  
ticus acuti, vt Re-  
cti.

IIII.  
gOa  
Fæcundus differentiæ  
inter dimidiam peri-  
pheriam quam subten-  
dit Linea secans pro-  
ducta, & peripheriam  
accuratam, quâ differt  
angulus sectus à bise-  
cto, si basis est bise-  
cta, alioquin æquabilem.  
Vnde ipsa peripheria  
accurata, vel æquabilis.

OM  
IIII. Basis Anguli totius  
secti.

MG  
Differentia inter Ba-  
sim sectam, & bise-  
ctam.

G  
Sinus Hypotheti-  
cus acuti, vt Recti.

gOn  
Fæcundus Prostophe-  
reseos peripheriæ eius  
æquabilis, quâ differt  
angulus sectus à bise-  
cto. Vnde ipsa differen-  
tia accurata.

HACTENVS DE PLANIS.

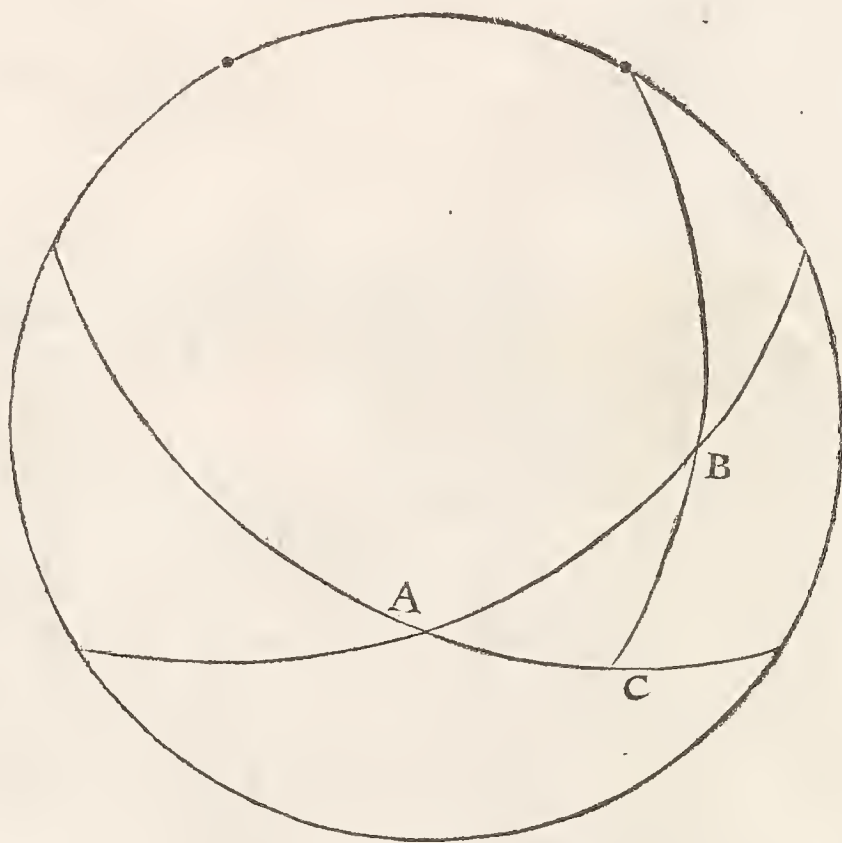




*C*ANON MATHEMATICVS non in PLANIS tantum, verum-  
etiam in SPHÆRICIS suum exercet officium, immò verò nobilius, & ei admiratione dignius,  
qui PYRAMIDVM adfectionibus, & quemadmodum ANGVLII SOLIDI  
circa GLOBI centrum fiant, sedulo non attenderit.

## XVII.

## TRIANGVLVM SPHÆRICVM RECTANGVLVM



non dissimilibus à Plano notis perpetuò designandum, aut designari sub-intelligendum,  
unicuique verò termino, alio quàm Recto angulo, suum inesse Triangulum, suas ad  
Sinum Recti, pro trinà serie, exercens Analogias.



XVIII.

TRIANGVLI SPHÆRICI RECTANGVLI  
DECEM METAMORPHOSES.



¶	I	C	AB	A	CB	B	AC
	II	C	AB	B	AC	A	CB
	III	C	AC	A	B	CB	AB
	IIII	C	CB	B	A	AC	AB
	V	C	AC	CB	AB	A	B
¶	VI	C	A	AB	CB	AC	B
	VII	C	B	AB	AC	CB	A
	VIII	C	A	AC	B	AB	CB
	IX	C	B	CB	A	AB	AC
	X	C	CB	AC	AB	B	A

INTERSECTIO, Nota est *ωαεζ* πληρώματος, Baseos, seu Residue.



## XIX.

CANONICÆ DECEM IN SPHÆRICO TRIANGVLO  
RECTANGVLO, IAMDIV EXPETITÆ, NECDV M ANTEHÆC

EXHIBITÆ, ANALOGIÆ, SEXIES ETIAM PRO

NV MERO TERMINORVM REPETITÆ,

*QV ARVM ductu, si ex terminis SPHÆRICI TRIANGVLI RECTANGVLI duo quilibet, prater ANGV LV M RECTVM, dentur, utrò quæsitus terminus, vel ex unâ operatione Logi- stices, siue Multiplicationis, siue Divisionis, vtra commodior videbitur, viâ, innotescit. \**

DECADIS I <sup>AE</sup>									
PENTAS. PRIMA					PENTAS. SECUNDA				
	Torus	Sinus	Sinus	Sinus		Torus Fæcundus	Fæcundus Sinus		
I	C	AB	A	CB	VI	C	AC	B	CB
II	C	AB	B	AC	VII	C	CB	A	AC
III	C	AC	A	B	VIII	C	AB	CB	B
IIII	C	CB	B	A	IX	C	AB	AC	A
V	C	AC	CB	AB	X	C	B	A	AB

DECADIS II <sup>AE</sup>									
PENTAS. PRIMA.									
	Torus	Sinus	Fæcundus	Fæcundus					
I	C	AC	A	CB	I	C	AC	A	CB
II	C	CB	B	AC	II	C	CB	B	AC
III	C	AB	A	B	III	C	AB	A	B
IIII	C	AB	B	A	IIII	C	AB	B	A
V	C	B	CB	AB	V	C	B	CB	AB

SVB DECADIS I <sup>AE</sup>									
PENTAS. PRIMA					PENTAS. SECUNDA				
	Torus Hypot. <sup>æ</sup>	Hypot. <sup>æ</sup>	Hypot. <sup>æ</sup>			Torus Fæcundus	Fæcund <sup>9</sup> Hypot. <sup>æ</sup>		
I	C	AB	A	CB	VI	C	AC	B	CB
II	C	AB	B	AC	VII	C	CB	A	AC
III	C	AC	A	B	VIII	C	AB	CB	B
IIII	C	CB	B	A	IX	C	AB	AC	A
V	C	AC	CB	AB	X	C	B	A	AB

SVB DECADIS II <sup>AE</sup>									
PENTAS. PRIMA.									
	Torus	Hypot. <sup>æ</sup>	Fæcund <sup>9</sup>	Fæcund <sup>9</sup>					
I	C	AC	A	CB	I	C	AC	A	CB
II	C	CB	B	AC	II	C	CB	B	AC
III	C	AB	A	B	III	C	AB	A	B
IIII	C	AB	B	A	IIII	C	AB	B	A
V	C	B	CB	AB	V	C	B	CB	AB



\* *QVOD compendium longè tabulas omnes Astronomicas, tabularúmque farragines superat, easque demùm valere iubet, mediocriter Arithmetica gnaris ad abditiora Astronomicas viam patefaciens, & ad reparandam, & instaurandam penè collapsam nobilem scientiam, atque adeò ipsarum Hypothesium nexu, quo adstringunt, liberandam, miram spem, & alacritatem animis inducens.*



DECADIS II <sup>AE</sup>					DECADIS III <sup>AE</sup>									
PENTAS SECVNDA					PENTAS PRIMA					PENTAS SECVNDA				
Totus	Sinus	Fæcund <sup>o</sup>	Fæcund <sup>o</sup>		Totus	Sinus	Hypot. <sup>æ</sup>	Hypot. <sup>æ</sup>		Totus	Sinus	Hypot. <sup>æ</sup>	Hypot. <sup>æ</sup>	
VI	C	B	AB CB	I	C	B	A	CB	VI	C	AC	AB	CB	
VII	C	A	AB AC	II	C	A	B	AC	VII	C	CB	AB	AC	
VIII	C	CB	AC B	III	C	CB	A	B	VIII	C	AB	AC	B	
IX	C	AC	CB A	IIII	C	AC	B	A	IX	C	AB	CB	A	
X	C	A	AC AB	V	C	A	CB	AB	X	C	B	AC	AB	

SVB DECADIS II <sup>AE</sup>					SVB DECADIS III <sup>AE</sup>									
PENTAS SECVNDA					PENTAS PRIMA					PENTAS SECVNDA				
Totus	Hypot. <sup>æ</sup>	Fæcund <sup>o</sup>	Fæcund <sup>o</sup>		Totus	Hypot. <sup>æ</sup>	Sinus	Sinus		Totus	Hypot. <sup>æ</sup>	Sinus	Sinus	
VI	C	B	AB CB	I	C	B	A	CB	VI	C	AC	AB	CB	
VII	C	A	AB AC	II	C	A	B	AC	VII	C	CB	AB	AC	
VIII	C	CB	AC B	III	C	CB	A	B	VIII	C	AB	AC	B	
IX	C	AC	CB A	IIII	C	AC	B	A	IX	C	AB	CB	A	
X	C	A	AC AB	V	C	A	CB	AB	X	C	B	AC	AB	



IN DECADE primâ prioris Pentados Apodixis pendet ex iis quæ demonstrantur à Regiomont. lib. 4. Triangul. propof. 16. & 19. & aliò qui satis patet ex subiectâ Trianguli Sphærici rectanguli, & suorum Verticalium figurâ. Vnde etiam è synthefi fuprà constitutæ sunt denæ Metamorphofes.

POSTERIORIS Pentados demonstratio pendet ex ratiocinatione quæ fequitur.

IN Primâ Pentade

At

Ergo

ut	Sinus A	Totum C	ita	Sinus B	Sinum AC
	Sinus A	{ ad } Totum C		Sinus A	{ ad } Facundum A
	Sinus A	Sinum B		Facundus A	Sinum AC

ITEM, in primâ Pentade

At

Ergo

ut	Sinus B	Totum C	ita	Sinus A	Sinum CB
	Sinus B	{ ad } Totum C		Sinus B	{ ad } Facundum B
	Sinus B	Sinum A		Facundus B	Sinum CB

ERGO, per Synthefim & eadem

AT, ex eadem Pentade

ut	Facundus A	ad	Sinum AC	ita	Sinus CB	ad	Facundum B	cum utrū- que bini ter- mini fe ha- beāt ut A finus ad B finum.
	Totus C	ad	Sinum AC		Sinus CB	ad	Sinum AB	

CONSEQUENTER Rectangulum C totius in AB æquale est Rectangulo A Facundi in B Facundum, cum utrumque æquetur Rectangulo AC finus in CB finum.

ERGO

ut	Totus C	ad	Facundum A	ita	Facundus B	ad	Sinum AB

ANALOGIA videlicet fecundæ Pentados postremo loco reposita. Ceteræ eiusdem Pentados Analogiæ constant ex serie Metamorphofeôn.



RELIQVÆ Decades & Sub-Decades creantur per Synthesen, vi præcipuè harum Analogiarum ex Planis repetitarum.

	I.	II.	III.	IIII.
1	TOTVS	Fæcundus Peripheriæ	Fæcundus Residuæ	TOTVS
2	TOTVS	Hypotenusa Peripheriæ	Sinus Residuæ	TOTVS
3	TOTVS	Hypotenusa Residuæ	Sinus Peripheriæ	TOTVS

DENARIVS autem idèò fuit necessarius numerus, quoniam tantus est Metatheseôn datorum terminorum cum non datis.

Vt ecce,

TERMINI SPHERICI RECTANGVLI

sunt

C	AB	A	CB	B	AC
---	----	---	----	---	----

Ideò Termini dati, vel erunt

Quærendi verò

Quos suppeditat Analogia

C	AB	A	CB	I.
			B	X.
	vel		AC	IX.
C	AB	CB	B	VIII.
			AC	V.
C	AB	B	AC	II.
C	A	CB	B	IIII.
			AC	VII.
C	A	B	AC	IIII.
C	CB	B	AC	VI.

vel ἐναλλάξ.



## XX.

## ANALOGIAE ITEM SEXDENAE

abs Sinu Recti seu Toto.

DECAS PRIMA									
	Sinus	Sinus	Sinus	Sinus		Sinus	Fæcund°	Fæcund°	Sinus
I	B	A	AC	AB	VI	A	B	AC	AB
II	A	B	CB	AB	VII	B	A	CB	AB
III	CB	A	AB	AC	VIII	A	CB	AB	AC
IIII	AC	B	AB	CB	IX	B	AC	AB	CB
V	A	CB	B	AC	X	CB	A	B	AC

SVB-DECAS PRIMA									
	Hypot. <sup>a</sup>	Hypot. <sup>a</sup>	Hypot. <sup>a</sup>	Hypot. <sup>a</sup>		Hypot. <sup>a</sup>	Fæcund°	Fæcund°	Hypot. <sup>a</sup>
I	B	A	AC	AB	VI	A	B	AC	AB
II	A	B	CB	AB	VII	B	A	CB	AB
III	CB	A	AB	AC	VIII	A	CB	AB	AC
IIII	AC	B	AB	CB	IX	B	AC	AB	CB
V	A	CB	B	AC	X	CB	A	B	AC

Comparantur per Syntheses, &amp; aqua potentium Rectangula Theorias.

## XXI.

## CVM QVADRATO DENIQUE SINVS RECTI ANALOGIAE DVÆ.

I.	II.	III.	IIII.
Quadratum Sinus Recti	Rectangulum	Sinus versus	Differentia inter sinum verum CB, & verum Peripheriæ, quâ discrepant AB & AC.
C	Sinus AB	A	Differentia inter sinum verum AC, & verum Peripheriæ, quâ discrepant AB & CB.
C	{ in }	B	
	AB CB		

Vide Regiomont. proposit. 2. lib. 5. TRIANGVL.



* SECVNDA				DECADIS TERTIÆ.							
				PENTAS				PENTAS MIXTA			
Sinus Sinus		Fæcund <sup>o</sup> Fæcund <sup>o</sup>		Hypot. <sup>a</sup> Hypot. <sup>a</sup>		Sinus Sinus		Sinus Sinus		Hypot. <sup>a</sup> Hypot. <sup>a</sup>	
VI	B	AC	A AB	I	AC	B	A AB	VI	A B	B	B AB
VII	A	CB	B AB	II	CB	A	B AB	VII	A B	A	A AB
VIII	CB	AB	A AC	III	AB	CB	A AC	VIII	AC	A	A AC
IX	AC	AB	B CB	IIII	AB	AC	B CB	IX	CB	B	B CB
X	A	B	CB AC	V	B	A	CB AC	X	AC CB		CB AC

* SECVNDA				SVB-DECADIS TERTIÆ							
				HYPO PENTAS				HYPO PENTAS MIXTA			
Hypot. <sup>a</sup> Hypot. <sup>a</sup>		Fæcund <sup>o</sup> Fæcund <sup>o</sup>		Sinus Sinus		Hypot. <sup>a</sup> Hypot. <sup>a</sup>		Fæcund <sup>o</sup> Fæcund <sup>o</sup>		Fæcund <sup>o</sup> Fæcund <sup>o</sup>	
VI	B	AC	A AB	I	AC	B	A AB	VI	AC	B	B AC
VII	A	CB	B AB	II	CB	A	B AB	VII	CB	A	A CB
VIII	CB	AB	A AC	III	AB	CB	A AC	VIII	AB	CB	CB AB
IX	AC	AB	B CB	IIII	AB	AC	B CB	IX	AB	AC	AC AB
X	A	B	CB AC	V	B	A	CB AB	X	B	A	A B

## XXII.

ET CVM SINVS TOTO, ET EIVSDEM QVADRATO, DVÆ ITEM ANALOGIÆ.

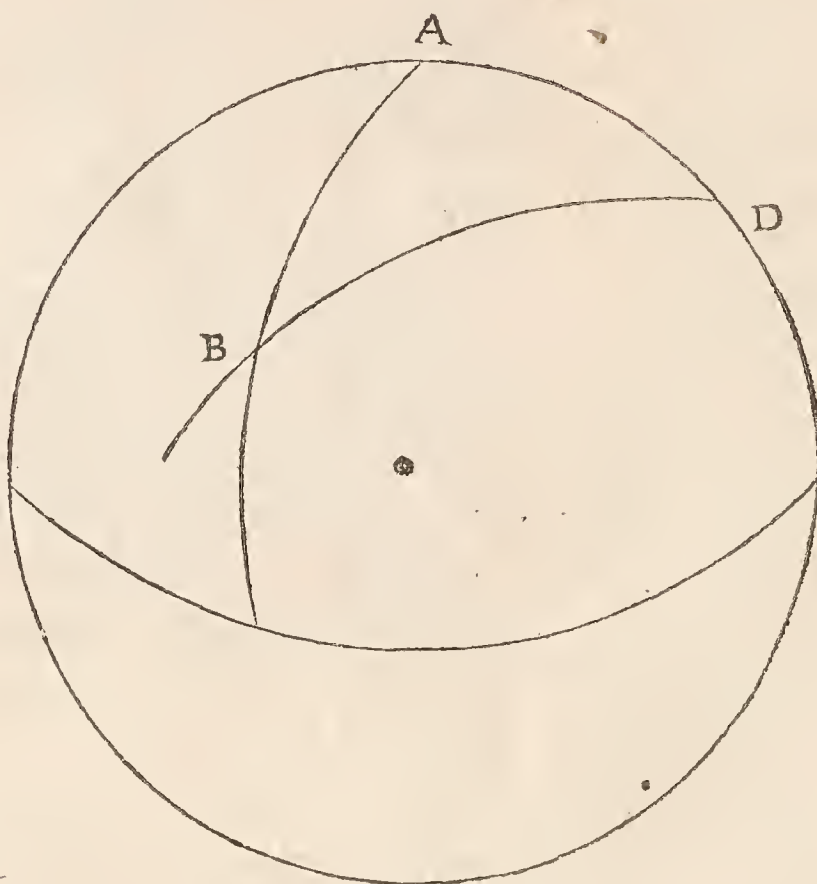
I. Quadratum Sinus Recti.	II. Rectangulum Sinus.	Sinum	III. Totus.	IIII. Sinus.
C	CB	B	C	A
C	AC	A	C	CB

Ex tertiâ Analogiâ primæ Decadis Rectangulum in sinibus AC in A est æquale Rectangulo C in B. Addantur ei Rectangulo quinque numerales circuli, Illud est ducere rectangulum in sinum totum, illud idem ducere sinum B in quadratum Sinus Totius, quod suum latus totidem circulis excedit. Notantur à Regiomont. Propos. 14. lib. 5. Triang. Sed otiosæ sunt, & quæ alioquin ad numerum Canonicoꝝ potuerant ascendere.



## XXII.

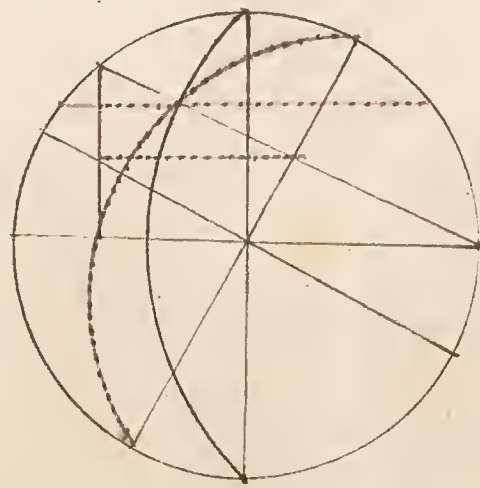
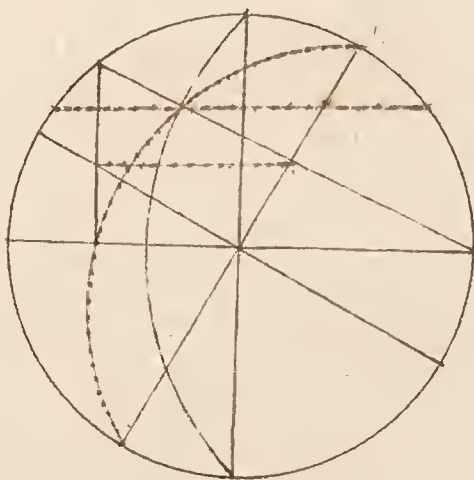
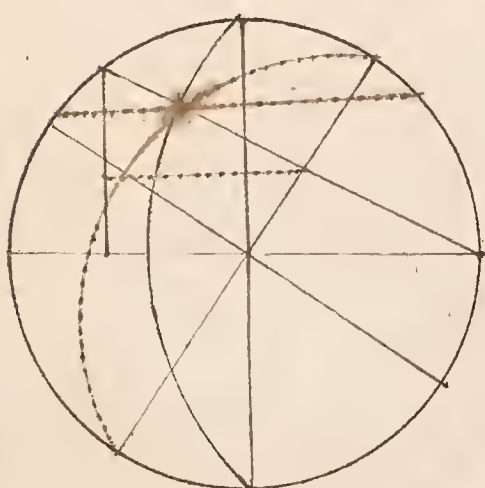
## TRIANGVLVM SPHÆRICVM OBLIQVANGVLVM.



IN OBLIQVANGVLIS Sphæricis dandi sunt tres termini, & secatur item Obliquangulum in duo Rectangula, educto commode Orthogonio per angulum non datum, dato tamen lateri adiacentem.

I. TERMINI TRIANGVLI SPHÆRICI OBLIQVANGVLI  
*Serie Analogâ, ex Catholico Theoremate, Sic latera ad latera, vt  
 Sinus ad Sinus angulorum, qui à lateribus subtenduntur.*

A	BD	D	AB	B	AD
Angulus verticis.	Basis.	Angulus ad ba- sim dexter.	Crus sinistrum.	Angulus ad ba- sim sinister.	Crus dextrum.











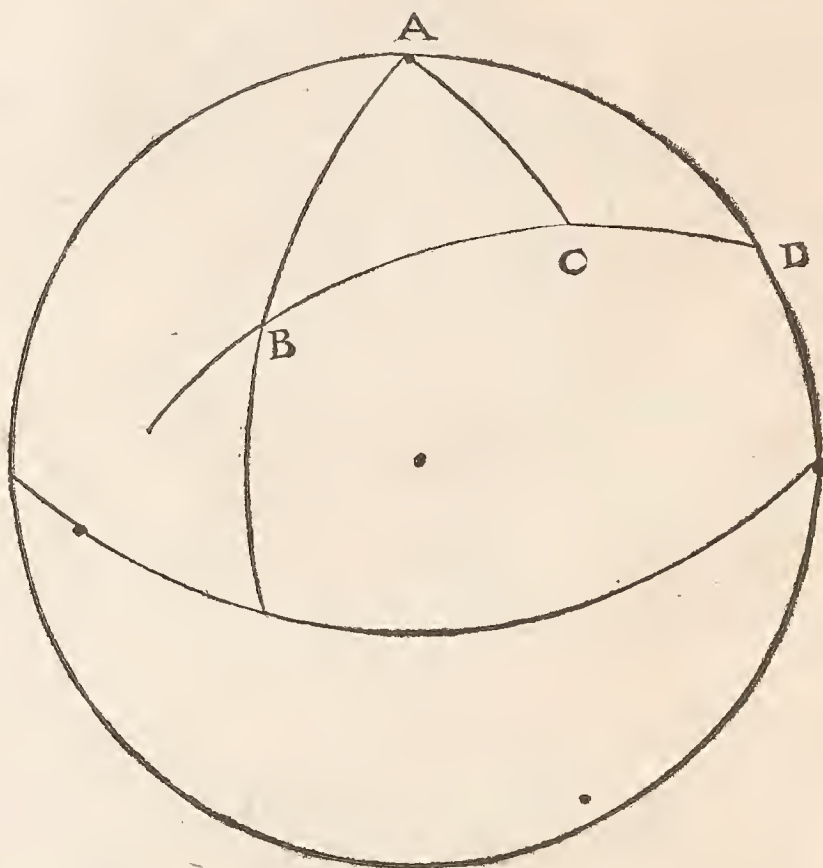






3. *Analogia Angulorum in sectione,*

*QVAM præstat perpendere, dum ex angulis eruuntur latera.*

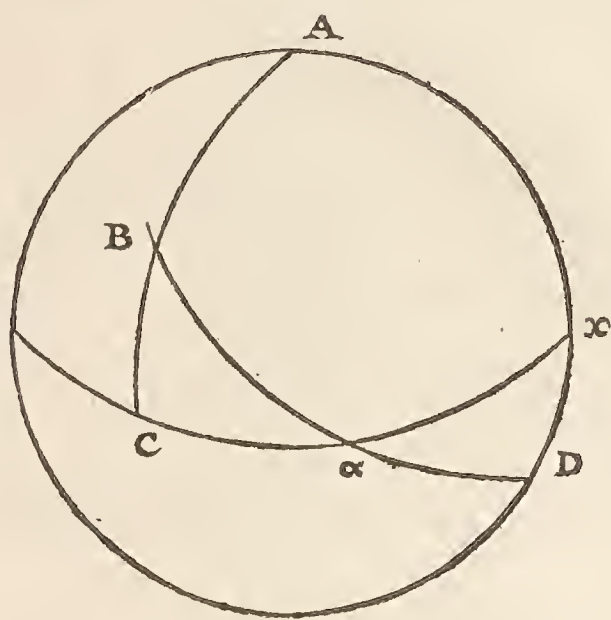
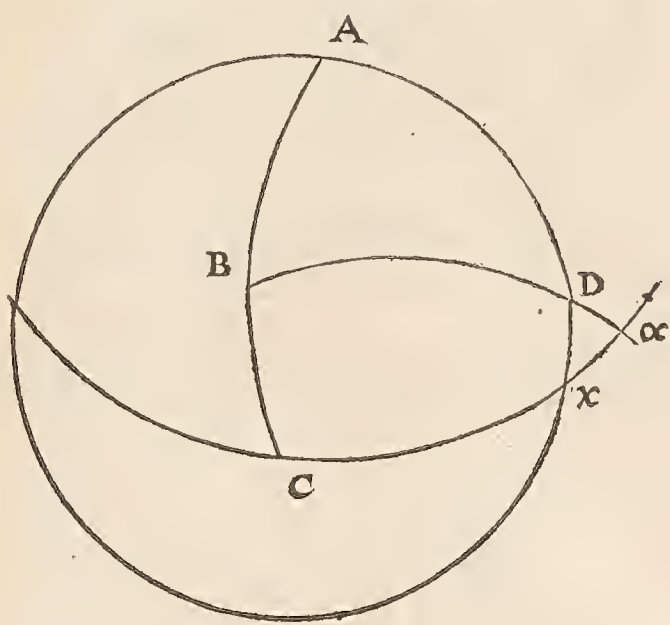


E' S I N V.			
B	D	b A c	d A c
Complementum anguli ad Basim sinistri.	Complementum anguli ad Basim dextri.	Pars anguli ver- ticis in sinistram.	Pars anguli ver- ticis in dextram.

*Απόδεξις ἐστὶ ἀπὸδ. Regiomont. propos. 20. lib. 4. Triang.*

*CVM detur coaceruatio periphæriarum b A c & d A c, & ratio sinuum earumdem, dantur  
singula ex Parascène.*



4. *Sectio Trianguli datorum laterum ad adsequendos angulos.*

DESCRIBITVR Circulus super angulo A, vt polo, & ad eum producuntur latera data, vel ipse ea secando contrahit, prout AB, vel AD sunt quadrante maiora, vel minora. Cōmodè verò AB latus minus quadrāte semper esto.

& ita,

Duō constituuntur Triangula,  $\alpha x D$ , &  $\alpha C B$ , quorum adsequutione totum Triangulum patefit.

In iis dantur latera  $Dx$  & AC. Est enim  $Dx$  complementum AD, vel excessus supra quadrantem, & BC complementum AB, ex hypothesi.

Item, ex  $Dx$  & BC per parasceuem datur DA, propter BD notum. Vt enim in sinibus,  $\alpha$  ad C, ita  $Dx$  ad  $D\alpha$ , ita quoque BC ad  $B\alpha$ , & ideò, vt  $Dx$  ad BC, ita  $D\alpha$  ad  $B\alpha$ . Quarum duarum peripheriarum cum latys BD (datum) fit differentia, ideò dantur ipsæ peripheriæ. Atque ita, ex latere  $Dx$  &  $D\alpha$  comparabitur rectāgulum primum. Secundum, ex BC, &  $\alpha$  communi angulo vtriusque rectanguli. Et ideò anguli B & D, cum peripheriâ  $Cx$ , differentiâ inter  $\alpha x$ , &  $C\alpha$ , quæ est anguli A amplitudo.



5 *Aliter, Parascene dum ex lateribus anguli.*

SPHÆRICVM Iſosceles fit Planum.

PLANI.

Crura æqualia  
Basis

AB, Sinus AB Sphæ-  
rici.  
AD, Sinus AD Sphæ-  
rici.  
BD, Subtenſa BD  
Sphærici.

Angulus BAD Plani æqualis BAD Sphærico.

SCALENVM quoque Sphæricum fit Planum.

PLANI.

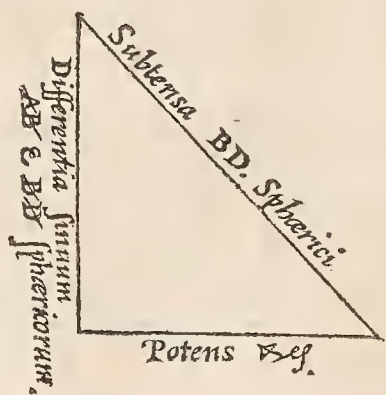
Crura in æqualia  
Basis

AB, Sinus AB Sphæ-  
rici.  
AD, Sinus AD Sphæ-  
rici.  
BD, Potens BD Sphæ-  
rici Subtenſam, mi-  
nus differentiâ ſinus  
AB & AD Sphæri-  
corum.

Angulus BAD plani, *ut in Iſoſcele*, æqualis BAD Sphærico.

*Απόδειξις* est apud Regiomont. Propos. 34. lib. 4. *Triangulorum.*

COMPARATVR autem iſta Potens ex Analogiis, ſi placet,  
Canonicis, conſtituto Plano, *ut videre eſt*, Triangulo  
rectangulo.



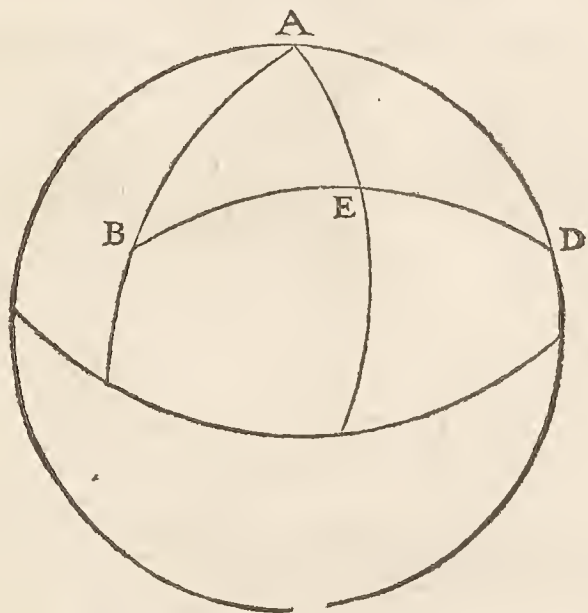


6. *Rursus, Vt è Lateribus eruantur Anguli, Analogia in Obliquangulo cum Quadrato Sinus recti.*

Rectangulum sub sinu- bus Crurum.	Quadratum Sinus recti.	Differētiæ inter sinum versum Baseos, & sinum versum tantæ Peripheriæ, quantâ discrepant Crura.	Sinus versus Angu- lià Cruribus com- prehensi, seu quem Basis subtendit.
I. Sinus AB, in Sinum AD.	C, in C.	Differentia inter Versum BD & Versum differentiæ AB & AD.	Versus A.
II. Sinus AB, in Sinum BD.	C, in C.	Differentia inter Versum AD & Versum differentiæ AB & BD.	Versus B.
III. Sinus AD, in Sinum BD.	C, in C.	Differentia inter Versum AB & Versum differentiæ AD & BD.	Versus D.

Propos. 2. lib. v. Triangul. Regiom.

7. *ANALOGIA denique segmentorum Baseos, & Crurum, in Anguli Verticis bisectione.*



Crus finistrum.	Crus dextrum.	Segmentum Baseos Cru- ri sinistro conterminum.	Segmentum Baseos Cru- ri dextro conterminum.
AB	AD	BE	ED

Propos. 7. lib. v. Triang. Regiomont.

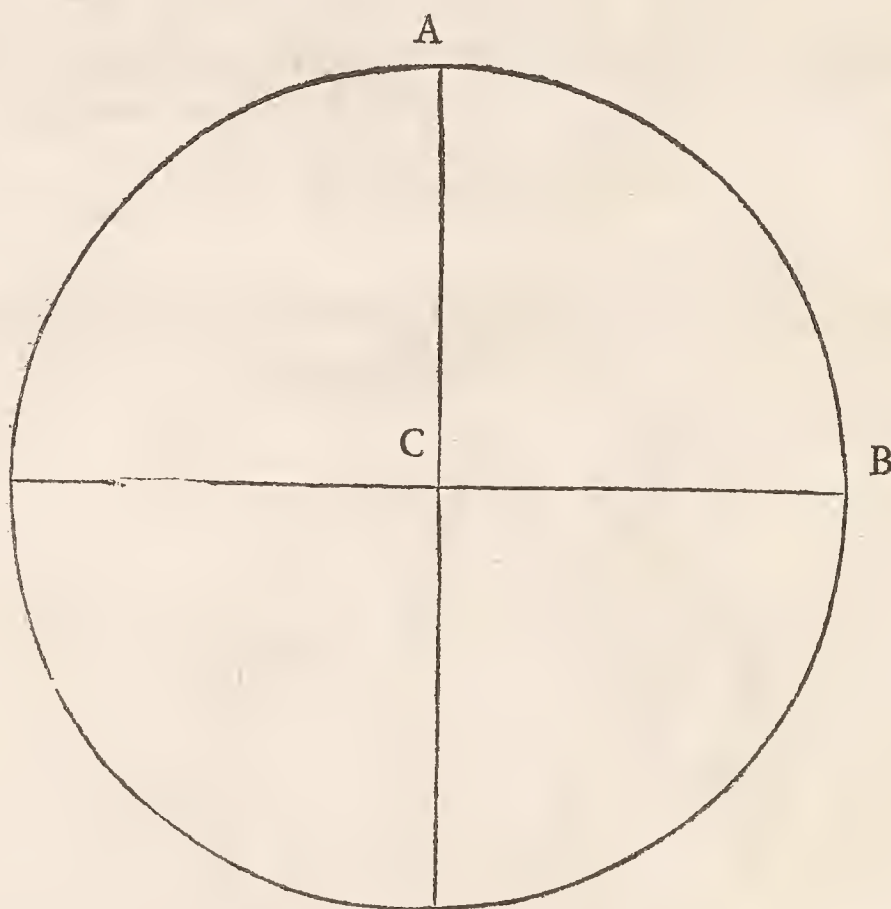
HACTENVS DE SPHÆERICIS.



**Q**UÆ non sunt *PLANA*, vel *SPHÆRICA* sub eiusdem Diametri Circuli descripta *TRIANGVLA*, sed vel ἑλικοειδῆ, vel ex Peripheriis maximorum & non maximorum Circulorum compacta, vel aliter ex rectis lineis & curvis mixta, præscriptâ carent methodo, secundum quam de Lateribus & Angulis *MATHEMATICVS* ratiocinetur accuratè. Eorum tamen in *PLANISPHERICIS* quadantenus notitia est, *CANONE MATHEMATICO* nullis non in amfractibus conspicuum lumen præbente, & in trita ab artificibus viâ, innumeros scopulos, & salebras, in quas impingunt, indicante.

## XXIIII.

## TRIANGVLVM PLANISPHERICVM.



A, & B, Anguli Semi-Circuli ex Diametro & Peripheriâ.

I. *IN Planisphericis Καθολικώτερα.*

- I. Vt Diameter ad Diametrum, ita est Peripheria ad Peripheriam. *Papp. Theor. 5. lib. xj.*
- II. Angulus ex Peripheria & Diametro minor est angulo Recto, sed maior quouis Acuto. *Euclides Prop. 16. lib. iij. Element.*



2. *VT Peripheria reuocetur ad partes Diametri, & è contrà Adpositi Numeri.*

Peripheria in partium, qualium  
Circulus totus æstimatur 360,  
sexagesimis.

Peripheria in partibus Diametri, qua-  
lium Diameter 200, 000 000.00

10,800, 000.00

314,159, 265.36

100,000, 000.00

2,908,882, 086.72

343,774, 677.07

10,000,000, 000.00

EX limitibus Analogiæ Perimetri Circuli ad Diametrum antè adnotatis.

3. *VT secentur Magnitudines mediâ & extremâ ratione, vel sectæ compleantur, vel etiam continuatæ à continuatione segregentur, Adpositi Numeri.*

Tota.  
100,000, 000.00

Maius segmentum.  
61,803, 398.89

Minus segmentum.  
38,196, 601.12

261,803, 398.89

161,803, 398.89

100,000, 000.00

161,803, 398.89

100,000, 000.00

61,803, 398.89

Tota.  
100,000, 000.00

Proportionalis inter totam & maius segmentum.  
78,615, 137.77

127,201, 964.96

100,000, 000.00

Tota continuata minore segmento.  
138,196, 601.12

Minus segmentum.  
38,196, 601.12

100,000, 000.00

27,639, 320.22

361,803, 398.89

100,000, 000.00

4. *GEODÆSIA Triangulorum.*

SIMPLEX.

Planus ex Basi tota, &amp; Altitudine dimidia, vel Altitudine tota &amp; Basi dimidia, est area Trianguli.

COMPARATA. ac primum,

Si sint Triangula æquè alta, vel sub æquali Basi, sunt Analogi termini.

Altitudo primi  
Trianguli.

Altitudo secundi.

Triangulum primum  
sub æquali Basi.

Triangulum secundum  
sub æquali Basi.

Basis primi.

Basis secundi.

Triangulum primum  
æquè altum.

Triangulum secundum  
æquè altum.



*Si Angulum Angulo habent æqualem.*

Rectangulum sub lateribus primi Trianguli æqualem angulum comprehendentibus.	Rectangulum sub lateribus secundi.	Triangulum primum æqualis anguli.	Triangulum secundum æqualis anguli.
--	------------------------------------	-----------------------------------	-------------------------------------

*Ad quævis Triangula.*

Basis primi.	Latus sub quo & Base secundi continetur æquale Rectangulum ei quod sub Altitudinibus.	Triangulum primum.	Triangulum secundum.
Altitudo primi.	Latus sub quo & Altitudine secundi continetur æquale Rectangulum ei quod sub Basibus.	Triangulum primum.	Triangulum secundum.

5. *GEODÆSIA Circuli.*

I. Circuli sunt vt à Diametris Quadrata.

II. Triangulum rectangulum cuius Basis est vt Semidiameter Circuli, Altitudo vt Perimeter, Circulo est æquale. Et si Altitudo est vt Peripheriæ segmentum, æquale areae Sectoris.

*Archim. lib. de dimensione Circul.*

6. *GEODÆSIA Sphærarum.*

Sphæræ sunt vt à Diametris Cubi.

7. *AD Circulos, Superficiesque Sphærarum è Diametris, & harum soliditates è Cubis, & è contrà, Adpositi numeri.*

Diameter.	Quadratum Diametri.	Circulus. <small>Plana superficies. Subquadrupla Sphærica superficie.</small>
200,000	400,000,000,00	314,159,265,36
100,000	100,000,000,00	78,539,816,34
159,577	254,647,908,94	100,000,000,00
	Cubus	Soliditas Sphæræ.
2,000	8,000,000,000	4,118,923,538
2,155	10,000,000,000	5,236,154,422

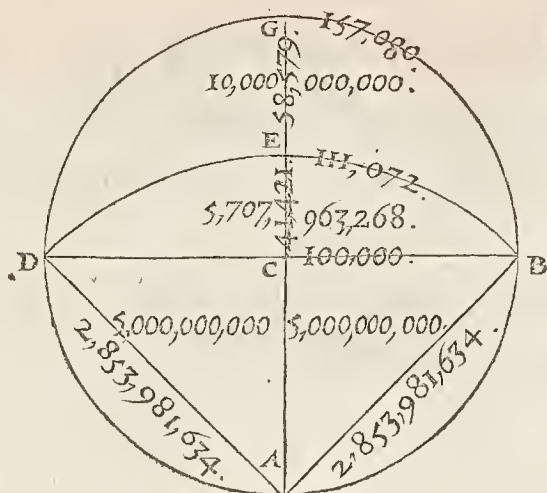
8. *AD Sphæras è Diametris & è contrà, Archimedæa mensura.*

Diameter.	Quadratum Diametri.	Cubus.	Sphæra.
$\frac{1}{40}$ digiti	$\frac{1}{1,600}$	$\frac{1}{6,400}$ digiti	$\frac{1}{10,000}$ <small>Papauer. ferè. Pars</small> $\frac{1}{10,000}$ <small>Arenæ. ferè.</small>

*AMBIVM terreni Globi Geographicâ methode taxavit ex observatis Archimedes certorum stadiorum ad summum, & solitâ ratione ex ambitu arguit Diametrum: ad quam demum reducit ipsam Sphæræ stellarum inerrantium & Mundi Diametrum ad summum, atque adeò ex eius Cubo arenas ipsas, quotquot à tantâ Sphærâ possunt comprehendi, propter notam Stadiorum in Digitis dimensionem, exhibet analogicè numerandas. Lib. de numero Arenæ.*



*Hippocratica MENISCI.*

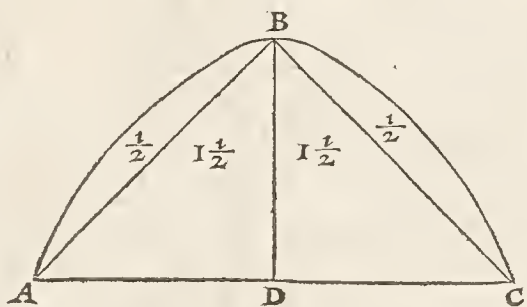


*EST enim ABE octava pars Circuli, cuius Semidiameter AE. Item GCB est quarta pars Circuli, cuius Semidiameter AC. At AB seu AD potest duplum AC. Itaque tanta est octava pars Circuli sub Semidiametro AE, quanta quarta sub Semidiametro AC. Aequalibus igitur auferatur eadem pars ECB, Residua GEB & CAB erunt equalia. SIC totus GDEB Meniscus fit equalis Triangulo æquicruro DAB, & ut se habet EC diefis Semidiametri ad GE apotomem eiusdem, ita EB Peripheria ad GB Peripheriam.*

A diagram of a dome with a vertical axis labeled B at the top and D at the base. Three horizontal lines represent sections at different heights. The top section is labeled G on the left and H on the right, with 'L 27' on each side. The middle section is labeled E on the left and F on the right, with 'L 54' on each side. The bottom section is labeled L on the left and L on the right, with '81' on each side. The numbers 3, 3, and 3 are placed between the sections along the vertical axis, indicating equal vertical intervals.

Portio linea curuâ A B C & rectâ  
A C contenta, Parabolæ.  
B D, linea iuxta quam possunt  
ordinatim applicatæ.

## II. QVADRATVRA



PARABOLES *Euclidæ.*

B Vertex Paraboles.  
B D Maxima Perpendicularis.  
A C Basis.

Vt 3 ad 4, ita Triangulum  $\triangle ABC$  ad Parabolam. *ex demonstratis ab Eucl. lib. de Quadrat. Parab.*

12. *Latus Quadrati Circulo*

CIRCUMSCRIPTI,	200,000, <u>000,00</u>
INSCRIPTI,	141,421, <u>356,24</u>
ÆQUALIS,	177,245, <u>385,09</u>

Latus Quadrati inscripti constat excessu, quo à Diametro superatur, & insuper Potente duplum excessum.







19. *DETECTA tandem reductionis Peripheriæ ad lineam rectam, &  
TETRAGONISMI CIRCULI Orontiana & aliorum  
PSEUDOGRAPHIA.*

SICVTI *Angulus Semi-Circuli maior est quouis acuto, minor autem recto, ita cuiuslibet Polygoni Circulo inscripti Perimeter, vel Amplitudo, minor est Perimetro, vel amplitudine Circuli: Similis verò Polygoni circumscripti, maior. Et, ut inter maximum acutorum, & rectum non datur homogeneus medius angulus, sic neque inter Polygonum infinitorum laterum Circulo inscriptum, & simile circumscriptum datur homogenea media figura. Superat enim quodam minimo angulum maximum acutorum rectus angulus. quod quidem minimum diuisionem non recipit ab angulo homogeneo, alioqui non esset minimum. Aequè superatur quodam minimo Polygonum infinitorum laterum Circulo inscriptum à simili Polygono circumscripto. quod item minimum diuisionem non recipit ab ullâ homogeneâ figurâ. Sed ut angulus semi-Circuli medium quoddam est inter maximum acutorum, & rectum, Ita circulus medium quoddam est inter Polygonum infinitorum laterum circumscriptum, & simile inscriptum. Heterogenea videlicet inter homogenea solum. ut locus non sit in rerum natura Polygono cuiuspiam ad Diametrum actu, vel potentia symmetro, quod amplitudine, vel ambitu circulo æquetur. Quod ut euident fiat, concipiantur sanè duo similia Polygona, quorum alterum Circulo circumscribatur, alterum inscribatur, non erunt tam propè inter se congrua & æqualia, quin duo dabuntur propius congrua & æqualia. Adsumpta enim quantarumlibet partium Diametro futurum tamen est, ut aliquando concurrant alicuius minutulæ Peripheriæ & Sinus & Fecundus, uterque proximus vero inter partes adsumptas, Sinus inquam, id est semilatus Polygoni inscripti, Fecundus circumscripti. solâque Peripheriâ inter Sinum eiusdem & Fecundum potest adsignari media. solus denique Circulus (cùm sit ratio totius ad totum, quæ partem ad partem) medius inter duo similia Polygona, unum inscriptum, alterum circumscriptum, quàm maximè inter se congrua & æqualia. Nec moueat quadratura Hippocratica Menisci, seu Lunulæ, sicuti neque quadratura Euclidea Paraboles. Neque enim describitur Lunula à duobus Circulis homodiametris, sed ἐτεροδιαµετρῶν. At Diametri ad Diametrum analogia rata est, ut Peripheriæ ad Peripheriam, & quadratur ea duntaxat Lunula, quæ conflata est ex intersectione duorum Circulorum, quorum Diametri sunt in ratione duplâ, ita ut Semidiameter maioris sit latus quadrati intra minorem descripti. Curua verò linea Paraboles, non tam linea est, quàm meta linearum, nō æqualium à Centro, ut Peripheria Circuli sed inæqualium secundum distantiam à puncto sectionis lateris recti & transversi proportionaliter decurtatarum. Neque ideo quod quadratur Parabole, recta linea curuæ Paraboles lineæ datur æqualis. At si quadraretur Circulus, necessariò curuæ lineæ daretur æqualis, propter Archimedæum Theorema de Triangulo Rectilineo circulo æquali, si Basis Trianguli sit ut Radius Circuli, Altitudo ut Peripheria. Quod argumentum etiam ad destruendas Lunulas valet. Solent obicere ex Mechanicis, ambitum rote circularis, in plano describere lineam rectam, & filum ambiens circulum, si secetur, in lineam rectam rectè porrigi. At in circulo non est initium, neque exitus, & si sit intellectu vel mechanicâ sectione, attamen terminatum minimum semper manet in suo curuo, quantumcumque continuatum in rectum porrigatur. Quare non est ijs interpretibus credendum, qui Tetragonismum Circuli scibilem esse, sed nesciri, vel ex Aristotelis doctrinâ contendunt, Nusquam id tradidit Aristoteles disertè, & si traderet. Euclidi in hac Philosophiæ parte est adsentendum. Ετερογενεία certè terminati curui à terminato recto validioribus Antiphonis & Brissonis argumentis satisfaciunt. Archimedes verò, non ideo quod Triangulum rectilineum proposuerit Circulo æquale, si Trianguli Basis sit ut radius Circuli Altitudo ut Peripheria, conuincendus est aut quidpiam absurdum & otiosum proposuisse, aut saltem, quin esset in rerum natura linea recta Peripheriæ æqualis, non dubitasse, immò verò adseruisse, & ipsam etiam, ut commentus est Eutocius Ascalonita, per spirales lineas inuenisse. Egregium tanti artificis inuentū nequaquam periisset eo præsertim seculo, quo quæstio de Tetragonismo Circuli tantopere controvehebatur. Sed non Ἀλλὰ τὸ μὲν δὲ lineæ rectæ Peripheriæ Circuli æqualis, Geodæsia Circuli prorsus nulla proponenda est. Ad simplicissimam igitur Trianguli Geodæsiā reduxit eam Archimedes, nullâ vel eo nomine non dignus laude. Facillimam præbuit, & vsui ad commodam, tantòque iustiore, quantò propior habetur Peripheriæ ad Diametrum analogia. Accuratam certè non dedit, neque dabit quispiam mortalium. Quinimò qui se rem acu tetigisse persuasum habebant & iam procinebant fastuosum εὐρησθῆναι, tandem comperti sunt longius quàm plerique alij recessisse à vero. Alterū latus ē medijs proportionalibus inter latus inscripti & circumscripti prodidit Orontius æquale quadranti Perimetri, alterū lateri Quadrati Circulo æqualis. At qualium Diameter 200, 000. talium quadrans Perimetri, 157, 080 fere, ex antè constitutis analogiæ Perimetri ad Diametrum secundum viam Archimedæam limitibus. Latus verò medium proportionale, quod indicabat ille, 158, 740 & ampliùs. Item, Latus alterum medium proportionale, maius est partibus 178, 179. At Latus quadrati Circulo æqualis, minus est partibus 177, 246. Arguitur nō dissimili methodo in alijs aliorumque Tetragonismis error, & vitium, ut omnino abhorrenda sit ista ingeniorum crux, & operâ & otio deinceps non abutendum, præsertim ubi semel naçti fuerimus expeditum, & facilem Tetragonismum, & satis propinquum vero.*







21. CONSECTARIVM  
AD Quadraturam Circuli AD COMMODVM.

Latus Quadrati circulo æqualis, sectum mediâ & extremâ ratione, & continuatum minore segmento, potest latus circumscripti & inscripti, seu, Sextuplum circularis radij.

Et proportionaliter minuendo, Latus Quadrati quadranti circuli æqualis, sectum mediâ & extremâ ratione, continuatum similiter minore segmento, potest radij sesquialterum. Quantum etiam potest aggregatum sinus Peripheriæ  $\times \gamma$ . & sinus  $\text{lxxv}$ . Residue.

CONSECTARII RATIO ET PRAXIS.

ET SI ex Archimedeo Theoremate circa Geodesiam Circuli, Rectangulum sub dimidio Semi-diametri & Perimetro toto cõrentum æquatur circulo. dato verò Rectangulo, dare est Quadratum ei æquale. Attamen idem Tetragonismus non minùs commode comparatur è proposito consecratio. Quod ita elicitur.

CVM sit Diameter minus segmentum dextantis Perimetri secti mediâ & extremâ ratione, Maius segmētum, quod est proportionale inter minus & totam, potest consequenter Rectangulum contentum sub minore & totâ, id est sub Diametro & Perimetri dextante. Dimidium itaque maioris illius segmenti erit latus Quadrati dextanti circuli æqualis, Potens videlicet Rectangulum sub Semi. diametro & quincun- ce Perimetri contentum duntaxat, vel sub Semi-diametri dimidio & Perimetri dextante. Que potentia ad totius maioris segmenti poten- tiam est subquadrupla. Erit itaque, ut dextans ad affem, ita dimidium maioris illius segmenti ad latus Quadrati circulo æqualis. Sed dimi- dium maioris illius segmenti sectum mediâ & extremâ ratione & continuatum minore segmento, est per interpretationem ex constru- ctione maius segmentum Diametri continuatum dimidio totius, potens idè quintuplum eiusdem dimidij. Potens igitur sextuplum erit latus Quadrati circulo æqualis sectum mediâ & extremâ ratione, & continuatum minore segmento. Et ἀναλόγως, Potens sesquialterum erit latus Quadrati quadranti circuli æqualis sectum & continuatum ut suprâ.

IN Numeris, Diameter, ut minus segmentum.

	200, 000, <u>000.00</u>
Maius segmentum.	323, 606, <u>797.78</u>
Dimidium maioris segmēti. Latus Quadrati dextanti circuli æqualis, ut Tota.	¶ 161, 803, <u>398.89</u>
Minus segmentum.	61, 803, <u>398.88</u>
Summa. Latus Quadrati dextanti circuli æqualis, sectum proportionaliter & continuatum minore segmento.	223, 606, <u>797.78</u>
Diameter, ut Tota.	¶ 200, 000, <u>000.00</u>
Maius segmentum.	123, 606, <u>797.78</u>
Semidiameter.	100, 000, <u>000.00</u>
Maius segmentum Diametri continuatum dimidio totius, potens idè quin- tuplum eiusdem dimidij. Latus Quadrati æqualis dextanti Circuli secto & continuato ut suprâ.	223, 606, <u>797.78</u>

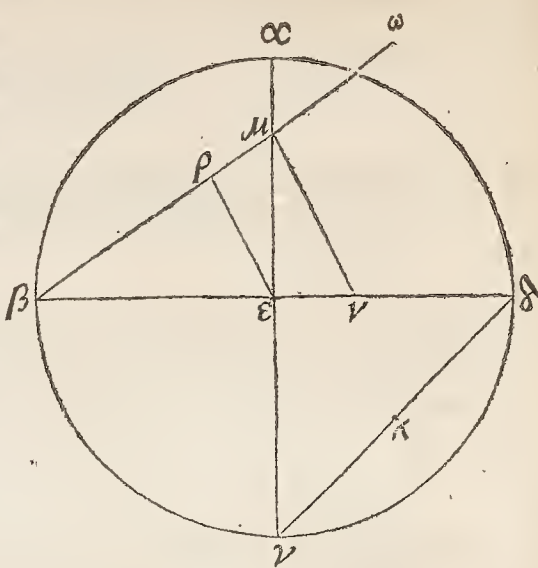
RVRSVS IN Numeris,

Potens sesquialterum Semi-diametri. Aggregatum Sinus Peripheriæ $\times \gamma$ . & sinus $\text{lxxv}$ . Residue. Aliqua Tota continuata minore segmento.	122, 474, <u>487.35</u>
Minus idè segmentum.	33, 851, <u>115.74</u>
Tota verò.	88, 623, <u>371.41</u>
Latus autem Quadrati quadranti circuli æqualis.	88, 623, <u>692.54</u>

Consentiunt in tot figuris quot contentus est Math. naticus Canon.



EST O igitur super e centro descriptus Circulus  $\alpha \beta \gamma \delta$ , quadrifectus à duabus Diametris  $\alpha \epsilon \gamma$ , &  $\beta \epsilon \delta$ . Et in  $\alpha \epsilon \gamma$  Diametro capiatur ab e centro linea  $\epsilon \mu$ , longitudine  $\gamma \tau$  vel  $\tau \delta$  semi lateris Quadrati circulo inscripti. Et à  $\beta$  angulo semicirculi ducatur per  $\mu$  punctum linea  $\beta \mu \omega$ . Et secetur radius  $\epsilon \delta$  mediâ & extremâ ratione in  $\nu$  puncto, & sit  $\epsilon \nu$  minus segmentum,  $\nu \delta$  maius. Et ab  $\nu$  ad  $\mu$  ducatur linea  $\mu \nu$ , cui ab e centro fiat parallela  $\rho \epsilon$ . Vt  $\epsilon \nu$  est minus segmentum  $\epsilon \delta$ , ita  $\rho \mu$  est minus segmentum totius  $\beta \rho$ : & ideo  $\beta \rho$  Tota potens Quadrantem Circuli. Quæ si dupletur in  $\omega$  puncto erit  $\beta \omega$  latus Quadrati toti Circulo æqualis. Millies accuratior Tetragonismus, quàm vel ab Archimede, vel alio quopiam hæctenus adnotata.



22. VTI Sector quilibet commodè quadretur, modò ratio Perimetri ad basim Sectoris non ignoretur, ANALOGIA.

Peripheria

Peripheria

Potentia ad Semidia-  
metri potentiam  
Sesquialtera.  
Sextupla.

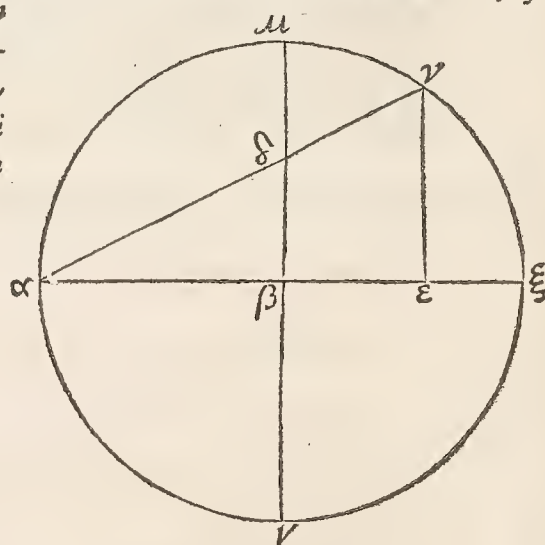
Potentia Lateris cõtinuati  
minore segmento, æqua  
Areæ Sectoris.

Quadrans circuli.  
Circulus.

Quadrante minor.  
Circulo minor.

EST O igitur  $\alpha \beta$  Linea potens Semidiametri Sesquialterum, Sextuplũmve dati Circuli, super quâ, vt radio, describatur Circulus  $\mu \alpha \gamma \xi$ , & secetur  $\alpha \xi$  Diameter secundum rationem datâ baseos Sectoris ad quadrantem vel affem Perimetri, velut in e puncto, vt sit  $\alpha \epsilon$  ad  $\epsilon \xi$ , sicuti quadrans Perimetri ad Basim secto- ris. Et ducatur Perpendicularis sub e puncto secans Peripheriâ in  $\gamma$ , ad quod educatur  $\alpha \gamma$  secans Diametrum  $\mu \nu$  diametro  $\alpha \beta \xi$  orthogonam, in puncto  $\delta$ . Erit  $\beta \delta$  latus Quadrati areæ sectoris datæ continuatum minore segmento. Vt enim quadratum  $\alpha \beta$  ad quadratum  $\alpha \delta$ , ita  $\alpha \epsilon$  ad  $\epsilon \xi$  inspectione xv. in Miscellaneis Planorum.

PORRO dato latere Quadrati areæ Sectoris æquali, datur Recta Linea æqua basi Sectoris, cum inter eam & dimidium radij Latus illud sit proportionale.



23. LATERA Quinque regularium corporum inscriptorum Sphæræ.

QUALIVM Diameter Sphæræ.

TALIVM Latus Pyramidis, seu Tetraëdri.

Latus Cubi, seu Exaëdri.

Latus Octaëdri.

Latus Icosaëdri.

Latus Dodecaëdri.

Latus Icosaëdri est latus Pentagoni ei Circulo inscripti, cuius Diameter in partibus Diametri Sphæræ est

Latus Bi-  
nomiæ- { Minus. 80,000,000,000,000,000,000, id est

Latus Dodecaëdri est maius segmentum lateris cubi, videlicet.

L. 40,000,000,000

L. 26,666,666,666,  $\frac{2}{3}$

L. 13,333,333,333,  $\frac{1}{3}$

L. 20,000,000,000

L. 11,055,728,090 *inversa*

L. 5,092,880,146 *inversa*

L. 32,000,000,000

20,000,000,000

8,944,271,910

11,055,728,090

L. 16,666,666,666  $\frac{2}{3}$

L. 3,333,333,333  $\frac{1}{3}$

200,000,000,00

163,299,316,28

115,470,053,74

141,421,356,24

195,146,222,42

71,346,317,95

178,885,438,20

129,099,444,87

57,735,026,92

Summa 71,364,417,95



## 24. DVPLICATIO Cubi.

Si sint quatuor Rectæ continuè proportionales, quarum Quarta sit dupla ad Primam potentiâ: Erit Tertia, vt Media proportionalis inter Potentem Rectangulum sub mediis vel extremis contentum, & Quartam, continuata vigesima parte Quartæ  $\epsilon\gamma\gamma\upsilon\sigma\alpha$ .

Vt ex serie continuè proportionalium inter Semi diametrum & Diametrum, & earum Diagrammate supra adnotatis, sunt continuè proportionales.

I.  
 $\alpha\beta$ II.  
 $\alpha\epsilon$ III.  
 $\alpha\gamma$ IIII.  
 $\alpha\varpi$ 

&amp; earum numeri Canonici.

141, 421  $\underline{356}$ 158, 740  $\underline{106}$ 178, 179  $\underline{744}$ 200, 000  $\underline{000}$ 

L. 20, 000, 000, 000

L. 4, 000, 000, 000

Latus Quadrati Circulo inscripti.

Semidiameter

Proportionalis verò media inter latus Quadrati inscripti & Diametrum.

168, 179  $\underline{218}$ 

Vigesima Diametri.

10, 000  $\underline{000}$ 

Summa.

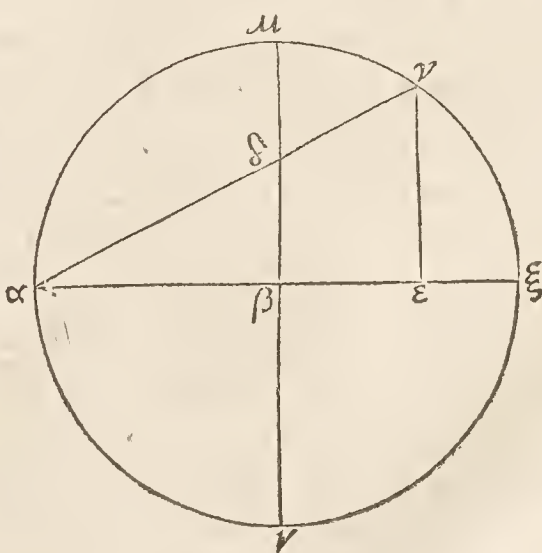
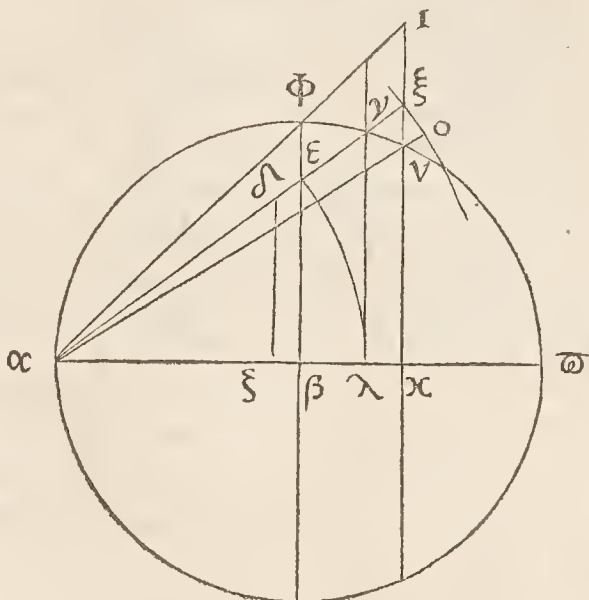
178, 179  $\underline{218}$ 

CONSENTIUNT in tot figuris quot contentus est Mathematicus Canon.

ITAQUE ad educendas lineas  $\alpha\gamma\xi$  &  $\gamma\lambda$  abs officio Mechanici, protrahatur  $\alpha\gamma$  productione  $\gamma\theta$  quæ sit vigesima pars Diametri, & à puncto  $\alpha$  in perpendiculari  $\gamma\lambda$  idè protractâ, adsumatur  $\alpha\xi$  longitudine  $\alpha\theta$ , secans Peripheriam in puncto  $\gamma$ . Erit  $\alpha\gamma$  Tertia proportionalis,  $\alpha\epsilon$  verò Secunda, ex quâ idè Cubus erit duplus ad Cubum ex  $\alpha\beta$  Primâ, sicuti  $\alpha\varpi$  Quarta proportionalium dupla est ad  $\alpha\beta$  Primam.

VIGESIMA autem pars Diametri commodè cõparatur ex repetitâ figurâ reductionis lineæ Rectæ ad Peripheriam. Vbi  $\beta\epsilon$  est sesquiquintum ad dimidium semidiametri,  $\beta\delta$  verò dimidium. Differentia itaque inter  $\beta\epsilon$  &  $\beta\delta$  est decima Semidiametri, seu vigesima Diametri.

DVPLICATIO Geometrica & artificiosa, non fortuita vel Mechanico indigens, quâ, etsi non sit accurata, attamen non data est hæctenus accuratior. Quæ enim circa id negocij cõtulit Orontius, ea prorsus sunt mera nugæ, suam  $\lambda\omega\delta\delta\gamma\epsilon\alpha\phi\iota\alpha\upsilon$  proidentibus Canonicis Mediarum proportionalium numeris, adhibita methodo doctrinæ Triangulorum. Accurata certè frustra ex arte queritur. Vnâ enim operatione duo principalia media non adsequitur Geometra, sed vnum tantum. Itaque geminus casus fortuitò &  $\alpha\tau\epsilon\chi\omega\delta$  adsimiladus est, aut ad auxilium duorum Gnomonum, vel Paraboles cum Hyperbole, vel binarum Parabolarum, aut ad Mesolabum Platonis, Hieronisiue, aut aliud Mechanicum recurrèdum, & in hoc negotio (vt antè de Tetragonismo Circuli monuimus) labori deinceps parcendum.





DEMONSTRATIO LIMITVM ANALOGIÆ PERIMETRI  
CIRCULI AD DIAMETRV M.

*Ad demonstrationem Analogia Perimetri Circuli ad Diametrum proponitur Tabella hæc. †*

ANGVL I. Trianguli æquilateri Subdiuisiones septēdecim in duas partes æquas. <i>SVB diuifio Peripheria</i>		Numerus laterum Polygoni descripti circuel intra circulū, ad duplum Peripheria.	Numerus idem quadratus.	Sinus Cum notis excessus & deficientia.	Sinus Bascon.
I	Part. Scrup. 30, 0	6	36	Latus Quadrati. 2, 500, 000, 000	Latus Quadrati. 75, 000, 000, 000
II	15, 0	12	144	669, 872, 982 ferè. 669, 872, 981 & amp.	9, 330, 127, 018 & amp. 9, 330, 127, 019 ferè.
III	7, 30	24	576	170, 370, 869 ferè. 170, 370, 868 $\frac{1}{2}$ & amp.	9, 829, 629, 131 & amp. 9, 829, 629, 131 $\frac{1}{2}$ ferè.
IIII	3, 45	48	2, 304	42, 775, 694 ferè. 42, 775, 693 & amp.	9, 957, 224, 306 & amp. 9, 957, 224, 307 ferè.
V	1, 52 $\frac{1}{2}$	96	9, 216	10, 705, 384 ferè. 10, 705, 383 $\frac{1}{2}$ & amp.	9, 989, 294, 616 & amp. 9, 989, 294, 616 $\frac{1}{2}$ ferè.
VI	0, 56 $\frac{1}{4}$	192	36, 864	2, 677, 063 $\frac{1}{2}$ ferè. 2, 677, 062 & amp.	9, 997, 322, 937 & amp. 9, 997, 322, 938 ferè.
VII	0, 28 $\frac{1}{8}$	384	147, 456	669, 311 ferè. 669, 310 & amp.	9, 999, 330, 689 & amp. 9, 999, 330, 690 ferè.
VIII	0, 14 $\frac{1}{16}$	768	589, 824	167, 331 ferè. 167, 330 & amp.	9, 999, 832, 669 & amp. 9, 999, 832, 670 ferè.
IX	0, 7 $\frac{1}{32}$	1, 536	2, 359, 296	41, 833 ferè. 41, 832 & amp.	9, 999, 958, 167 & amp. 9, 999, 958, 168 ferè.
X	0, 3 $\frac{33}{64}$	3, 072	9, 437, 184	10, 459 ferè. 10, 458 & amp.	9, 999, 989, 541 & amp. 9, 999, 989, 542 ferè.
XI	0, 1 $\frac{27}{128}$	6, 144	37, 748, 736	2, 615 ferè. 2, 614 & amp.	9, 999, 997, 385 & amp. 9, 999, 997, 386 ferè.
XII	0, 0 $\frac{225}{256}$	12, 288	150, 994, 944	654 ferè. 653 & amp.	9, 999, 999, 346 & amp. 9, 999, 999, 347 ferè.
XIII	0, 0 $\frac{225}{512}$	24, 576	603, 979, 776	162 & amp.	
XIIII	0, 0 $\frac{225}{1, 024}$	49, 152	2, 415, 919, 104	40 & amp.	
XV	0, 0 $\frac{225}{2, 048}$	98, 304	9, 663, 676, 416	10 & amp.	
XVI	0, 0 $\frac{225}{4, 096}$	196, 608	38, 654, 705, 664	2 & amp.	
XVII	0, 0 $\frac{225}{8, 192}$	393, 216	154, 618, 822, 656	0 & amp.	



<i>Facundi.</i> <i>Cum notis excessus &amp; deficientiæ.</i>	<i>Facundi Bascôn.</i> <i>Cum notis deficientiæ &amp; excessus.</i>	<i>Hypotenusæ Bascôn.</i> <i>Cum notis deficientiæ &amp; excessus.</i>
Latus Quadrati 3,333,333,333 $\frac{1}{3}$	Latus Quadrati 30,000,000,000 accurate.	Latus Quadrati 40,000,000,000 accurate.
717,967,699 ferè. 717,967,697 & amp.	139,282,032,301 & amp. 139,282,032,303 ferè.	149,282,032,301 & amp. 149,282,032,303 ferè.
173,323,802 ferè. 173,323,800 & amp.	576,954,805,402 & amp. 576,954,805,412 ferè.	586,954,805,402 & amp. 586,954,805,412 ferè.
42,959,457 ferè. 42,959,455 & amp.	2,327,776,262,151 & amp. 2,327,776,262,193 ferè.	2,337,776,262,151 & amp. 2,337,776,262,193 ferè.
10,716,820 ferè. 10,716,818 & amp.	9,331,094,331,784 & amp. 9,331,094,331,954 ferè.	9,341,094,331,784 & amp. 9,341,094,331,954 ferè.
2,677,780 ferè. 2,677,778 & amp.	37,344,374,649,356 & amp. 37,344,374,650,038 ferè.	37,354,374,649,356 & amp. 37,354,374,650,038 ferè.
669,356 ferè. 669,354 & amp.	149,397,497,928,068 & amp. 149,397,497,930,798 ferè.	149,407,497,928,068 & amp. 149,407,497,930,798 ferè.
167,338 ferè. 167,336 & amp.	597,609,991,544,934 & amp. 597,609,991,555,856 ferè.	597,619,991,544,934 & amp. 597,619,991,555,856 ferè.
41,834 ferè. 41,832 & amp.	2,390,459,966,137,902 & amp. 2,390,459,966,181,592 ferè.	2,390,469,966,137,902 & amp. 2,390,469,966,181,592 ferè.
10,460 ferè. 10,458 & amp.	9,561,859,864,541,148 & amp. 9,561,859,864,715,910 ferè.	9,561,869,864,541,148 & amp. 9,561,869,864,715,910 ferè.
2,616 ferè. 2,614 & amp.	38,247,459,458,161,976 & amp. 38,247,459,458,861,026 ferè.	38,247,469,458,161,976 & amp. 38,247,469,458,861,026 ferè.
655 ferè. 653 & amp.	152,989,857,832,647,249 & amp. 152,989,857,835,443,451 ferè.	152,989,867,832,647,249 & amp. 152,989,867,835,443,451 ferè.
164 ferè.	611,959,451,330,588,832 & amp. 611,959,451,341,773,641 ferè.	611,959,461,330,588,832 & amp. 611,959,461,341,773,641 ferè.
42 ferè.	2,447,837,825,322,355,286 & amp. 2,447,837,825,367,094,524 ferè.	2,447,837,835,322,355,286 & amp. 2,447,837,835,367,094,524 ferè.
11 ferè.	9,791,351,321,289,421,133 & amp. 9,791,351,321,468,378,086 ferè.	9,791,351,331,289,421,133 & amp. 9,791,351,331,468,378,086 ferè.
4 ferè.	39,165,405,305,157,684,528 & amp. 39,165,405,305,873,512,342 ferè.	39,165,405,315,157,684,528 & amp. 39,165,405,315,873,512,342 ferè.
1 ferè.	156,661,621,240,630,738,111 & amp. 156,661,621,243,494,049,368 ferè.	156,661,621,250,630,738,111 & amp. 156,661,621,253,494,049,368 ferè.



† IN qua Syntaxis seriei Facundorum Baseos ita se habet. Adgregantur Quadrata Facundorum & Hypotenuse Baseos Peripheria. Adgregata duplantur, & aufertur Quadratum Facundi dimidia à duplo, ut prodeat Quadratum Facundi Baseos dimidia.

ADNOTATVM enim est suprà Facundum Baseos dimidia esse Facundum, & Hypotenusam Baseos integræ adgregata. Et datis sigillatim duorum laterum Quadratis, datur ex Arithmeticis Quadratum Laterum adgregatorum, cum data Quadrata singula adduntur, & duplantur, & à duplo aufertur ipsa Laterum differentia quadrata, ut si dentur duo Quadrata, Unum 4. cuius Latus est 2. Alterum 25. cuius Latus 5. Horum Quadratorum summa est 29. Duplum 58. Ipsorum autem Laterum differentia 3. cuius Quadratum est 9. Si igitur 9. auferatur à 58. prodibit 49. Quadratum lateris 7. adgregati è duobus.

DEINQVE Quadrato Facundi Baseos, additur Quadratum Sinus Totius ad constituendum Quadratum Hypotenuse.

NOTAE Verò excessus, vel deficientiæ ita constituentur certò. Quadratis Facundorum Baseos, & Hypotenuse in bisectione anguli Trianguli æquilateri adgregatis & duplatis, aufertur Quadratum Facundi dimidia superans iustum, ut prodeat Quadratum Facundi Baseos dimidia deficiens à iusto, & e contrâ, aufertur deficiens, ut prodeat excedens.

DEINCEPS adgregantur Quadrata Baseos, tum Facundi, tum Hypotenuse similis notæ. Et si excedunt iustum, aufertur Quadratum Facundi dimidia deficiens, & prodit Quadratum Facundi Baseos dimidia, multò magis excedens, cum à summâ alioqui excedente nihilominus ablatum sit Minus æquo. Et si deficiunt aggregata à iusto, aufertur Quadratum Facundi dimidia excedens, & prodit Quadratum Facundi Baseos dimidia multò magis deficiens, cum à summâ alioqui deficiente rursus ablatum sit Plus æquo.

QUADRATA Facundorum Peripheriæ excedentia, vel deficientia comparantur è Quadratis Sinuum excedentibus vel deficientibus, methodo mox particulatim exponendâ & demonstrandâ post generale Theorema, quod non inconuenienti ordine præstat imprimis adnotasse.

FÆCVNDVM Videlicet dimidia minorem esse dimidio Facundi integræ, ut in figurâ ad Analogiam, quam diximus Archimedeam, adscriptâ, MC minus est AM. Sinum verò maiorem, quia ratio Peripheriæ ad Peripheriam maior est ratione Sinus ad Sinum.

ITAQVE cum datus sit Peripheriæ  $\frac{225}{512}$  vnus scrupuli Fæcundus L. 654 excedens iustum, multò magis ad Peripheriam  $\frac{225}{512}$  excedet Fæcundus L.  $163\frac{1}{2}$ , dimidium L. 654, Et cum Fæcundus excedat, multò magis excedet Sinus, si earundem constituatur partium, cum semper minor sit Sinus Facundo.

ET cum datus sit eiusdem Peripheriæ  $\frac{225}{512}$  vnus scrupuli Sinus L. 653 deficiens à iusto, multò magis ad Peripheriam  $\frac{225}{512}$  deficiet à iusto dimidium lateris 653, Et cum Sinus deficiat, multò magis deficiet Fæcundus, si earundem constituatur partium, cum semper Fæcundus excedat Sinum.



*Particularis autem Methodus, quâ comparata fuerunt Quadrata Facundorum, ista fuit.*

<i>Semi-latus Poligoni laterum.</i>	<i>Qualium, quadratum Sinus Residuæ</i>	<i>Talium quadratum Sinus Peripheriæ.</i>	<i>Qualium igitur</i>	<i>Talium</i>
6	7,500,000,000 accurate	2,500,000,000 accurate	10,000,000,000 accu.	3,333,333,333 $\frac{1}{3}$
12	9,330,127,018 & amp. 9,330,127,019 ferè.	669,872,982 ferè. 669,872,981 & amp.		717,967,698 $\frac{2,138,935,436}{9,330,127,018}$ Multo ma- giù ferè. 717,967,697 $\frac{1,451,094,657}{9,330,127,019}$ Multo ma- giù & amp.
24	9,829,629,131 & amp. 9,829,629,132 ferè.	170,370,869 ferè. 170,370,868 & amp.		173,323,801 $\frac{6,594,733,069}{9,829,629,131}$ 173,323,800 $\frac{5,251,058,400}{9,829,629,132}$
48	9,957,224,306 & amp. 9,957,224,307 ferè.	42,775,694 ferè. 42,775,693 & amp.		42,959,456 $\frac{544,262,464}{9,957,224,306}$ 42,959,455 $\frac{436,127,315}{9,957,224,307}$
96	9,989,294,616 & amp. 9,989,294,617 ferè.	10,705,348 ferè. 10,705,347 & amp.		10,716,820 $\frac{7,673,358,880}{9,989,294,616}$ 10,716,819 $\frac{7,651,936,677}{9,989,294,617}$
192	9,997,322,937 & amp. 9,997,322,938 ferè.	2,677,063 ferè. 2,677,062 & amp.		2,677,779 $\frac{8,583,083,077}{9,997,322,937}$ 2,677,778 $\frac{8,577,728,236}{9,997,322,938}$
384	9,999,330,689 & amp. 9,999,330,690 ferè.	669,311 ferè. 669,310 & amp.		669,355 $\frac{8,006,664,405}{9,999,330,689}$ 669,354 $\frac{8,005,325,740}{9,999,330,690}$
768	9,999,832,665 & amp. 9,999,832,666 ferè.	167,335 ferè. 167,334 & amp.		167,337 $\frac{8,001,336,895}{9,999,832,665}$ 167,336 $\frac{8,001,002,224}{9,999,832,666}$
1,536	9,999,958,167 & amp. 9,999,958,168 ferè.	41,833 ferè. 41,832 & amp.		41,833 $\frac{1,749,999,889}{9,999,958,167}$ 41,832 $\frac{1,749,916,224}{9,999,958,168}$
3,072	9,999,989,541 & amp. 9,999,989,542 ferè.	10,459 ferè. 10,458 & amp.		10,459 $\frac{109,390,681}{9,999,989,541}$ 10,458 $\frac{109,369,764}{9,999,989,542}$
6,144	9,999,997,385 & amp. 9,999,997,386 ferè.	2,615 ferè. 2,614 & amp.		2,615 $\frac{6,838,225}{9,999,997,385}$ 2,614 $\frac{6,832,996}{9,999,997,386}$
12,288	9,999,999,346 & amp. 9,999,999,347 ferè.	654 ferè. 653 & amp.		654 $\frac{427,716}{9,999,999,346}$ 653 $\frac{426,409}{9,999,999,347}$

COMMENTI sunt quidam Pentagoni circumscripti ad inscriptum rationem esse sesquialteram, Hexagoni sesquitertiam, Heptagoni sesquiquartam, & ita in infinitum, seruato eodem progressionis ordine. Latera itaque & Semilatera in eadem essent ratione, potestate: Facundusque & Sinus. At non solum suum commentum non demonstrant, sed falsissimum esse ratio numerorum conuincit.



*Quadrata verò Sinuum Minora Maiorâque Veris ita fuerunt elicita, Ac primùm.*

*QVADRATA VERIS MAIORA, RESIDVARVM VERO*

*CONSEQUENTER MINORA.*

<i>Semi-latus Polygoni La- terum.</i>	<i>Quadratum Sinus totius</i>	<i>10,000,000,000</i>	<i>Sinus ipse</i>	<i>86,602</i>	<i>540,37 &amp; amp.</i>	<i>Qui quadra- tus efficit dñ taxat</i>	
<i>6</i>	<i>Quadratu Sinus</i>		<i>Versus</i>	<i>13,397</i>	<i>459,63 ferè.</i>		<i>7,499,999,998</i>   <i>53,74,79,73,69</i>
	<i>Peripheriæ 30</i>	<i>2,500,000,000</i>	<i>Dimidius</i>	<i>6,698</i>	<i>729,82 ferè.</i>		
	<i>Quad. Resid.</i>	<i>7,500,000,000</i>					
<i>12</i>	<i>Quadra. Sin. 15</i>	<i>669,872,982 ferè.</i>	<i>Sinus ipse</i>	<i>96,592</i>	<i>582,62 &amp; amp.</i>		<i>9,330,127,017</i>   <i>20,15,26,06,44</i>
	<i>Residuæ</i>	<i>9,330,127,018 &amp; amp.</i>	<i>Versus</i>	<i>3,407</i>	<i>417,38 ferè.</i>		
			<i>Dimidius</i>	<i>1,703</i>	<i>708,69 ferè.</i>		
<i>24</i>	<i>Quad. Sin. 7,30</i>	<i>170,370,869 ferè.</i>	<i>Sinus ipse</i>	<i>99,144</i>	<i>486,13 &amp; amp.</i>		<i>9,829,629,129</i>   <i>98,17,62,37,69</i>
	<i>Residuæ</i>	<i>9,829,629,131 &amp; amp.</i>	<i>Versus</i>	<i>855</i>	<i>513,87 ferè.</i>		
			<i>Dimidius</i>	<i>427</i>	<i>756,94 ferè.</i>		
<i>48</i>	<i>Quad. Sin. 3,45</i>	<i>42,775,694 ferè.</i>	<i>Sinus ipse</i>	<i>99,785</i>	<i>892,32 &amp; amp.</i>		<i>9,957,224,306</i>   <i>09,86,34,98,24</i>
	<i>Residuæ</i>	<i>9,957,224,306 &amp; amp.</i>	<i>Versus</i>	<i>214</i>	<i>107,68 ferè.</i>		
			<i>Dimidius</i>	<i>107</i>	<i>053,84 ferè.</i>		
<i>96</i>	<i>Quad. Sin. 1,52 <math>\frac{1}{2}</math></i>	<i>10,705,384 ferè.</i>	<i>Sinus ipse</i>	<i>99,946</i>	<i>458,74 &amp; amp.</i>		<i>9,989,294,614</i>   <i>66,65,22,38,76</i>
	<i>Residuæ</i>	<i>9,989,294,616 &amp; amp.</i>	<i>Versus</i>	<i>53</i>	<i>541,26 ferè.</i>		
			<i>Dimidius</i>	<i>26</i>	<i>770,63 ferè.</i>		
<i>192</i>	<i>Quad. Sin. 0,56 <math>\frac{1}{4}</math></i>	<i>2,677,063 ferè.</i>	<i>Sinus ipse</i>	<i>99,986</i>	<i>613,79 &amp; amp.</i>		<i>9,997,322,937</i>   <i>19,06,18,16,41</i>
	<i>Residuæ</i>	<i>9,997,322,937 &amp; amp.</i>	<i>Versus</i>	<i>13</i>	<i>386,21 ferè.</i>		
			<i>Dimidius</i>	<i>6</i>	<i>693,11 ferè.</i>		
<i>384</i>	<i>Quad. Sin. 0,28 <math>\frac{1}{8}</math></i>	<i>669,311 ferè.</i>	<i>Sinus ipse</i>	<i>99,996</i>	<i>653,39 &amp; amp.</i>		<i>9,999,330,689</i>   <i>09,97,98,49,21</i>
	<i>Residuæ</i>	<i>9,999,330,689 &amp; amp.</i>	<i>Versus</i>	<i>3</i>	<i>346,61 ferè.</i>		
			<i>Dimidius</i>	<i>1</i>	<i>673,31 ferè.</i>		
<i>768</i>	<i>Quad. Sin. 0,14 <math>\frac{1}{16}</math></i>	<i>167,331 ferè.</i>	<i>Sinus ipse</i>	<i>99,999</i>	<i>163,34 &amp; amp.</i>		<i>9,999,832,668</i>   <i>69,99,99,95,56</i>
	<i>Residuæ</i>	<i>9,999,832,669 &amp; amp.</i>	<i>Versus</i>		<i>836,66 ferè.</i>		
			<i>Dimidius</i>		<i>418,33 ferè.</i>		
<i>1,536</i>	<i>Quad. Sin. 0,07 <math>\frac{1}{32}</math></i>	<i>41,833 ferè.</i>	<i>Sinus ipse</i>	<i>99,999</i>	<i>790,83 &amp; amp.</i>		<i>9,999,958,166</i>   <i>04,37,52,08,89</i>
	<i>Residuæ</i>	<i>9,999,958,167 &amp; amp.</i>	<i>Versus</i>		<i>209,17 ferè.</i>		
			<i>Dimidius</i>		<i>104,59 ferè.</i>		
<i>3,072</i>	<i>Quad. Sin. 0,03 <math>\frac{1}{64}</math></i>	<i>10,459 ferè.</i>	<i>Sinus ipse</i>	<i>99,999</i>	<i>947,70 &amp; amp.</i>		<i>9,999,989,540</i>   <i>00,27,35,29,00</i>
	<i>Residuæ</i>	<i>9,999,989,541 &amp; amp.</i>	<i>Versus</i>		<i>52,30 ferè.</i>		
			<i>Dimidius</i>		<i>26,15 ferè.</i>		
<i>6,144</i>	<i>Quad. Sin. 0,01 <math>\frac{1}{128}</math></i>	<i>2,615 ferè.</i>	<i>Sinus ipse</i>	<i>99,999</i>	<i>986,92 &amp; amp.</i>		<i>9,999,997,384</i>   <i>00,01,71,08,64</i>
	<i>Residuæ</i>	<i>9,999,997,385 &amp; amp.</i>	<i>Versus</i>		<i>13,08 ferè.</i>		
			<i>Dimidius</i>		<i>6,54 ferè.</i>		
<i>12,288</i>	<i>Quad. Sin. 0,00 <math>\frac{1}{256}</math></i>	<i>654 ferè.</i>	<i>Sinus ipse</i>	<i>99,999</i>	<i>996,73 &amp; amp.</i>		<i>9,999,999,346</i>   <i>00,00,10,69,29</i>
	<i>Residuæ</i>	<i>9,999,999,345 &amp; amp.</i>	<i>Versus</i>		<i>3,27 ferè.</i>		
			<i>Dimidius</i>		<i>1,64 ferè.</i>		



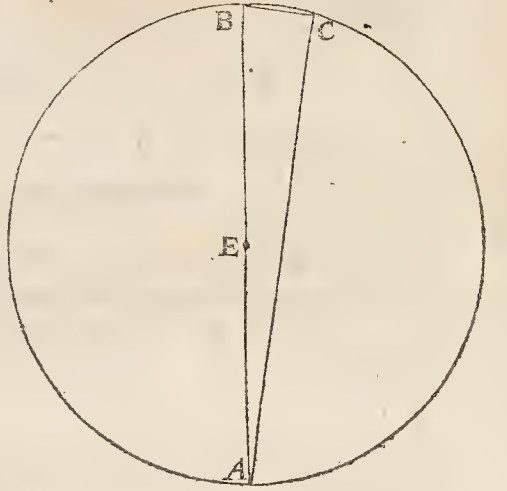
## QVADRATA VERIS MINORA, RESIDVARVM VERO

CONSEQUENTER MAIORA.

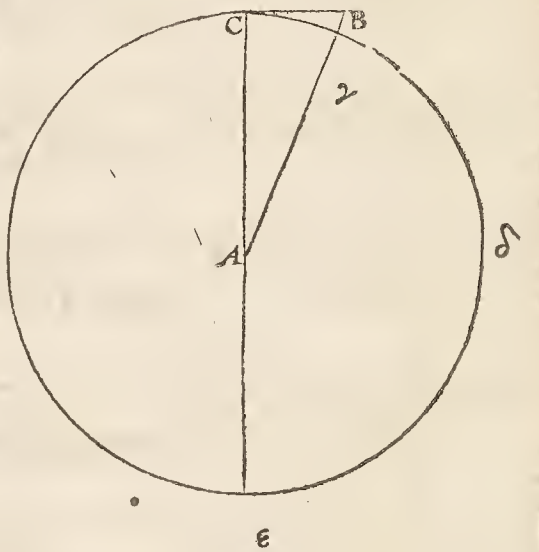
Semi-latus Polygoni la- terum.	Quadratum				
	Sinus totius	10,000,000,000			
	Quadratu Sinus		Sinus ipse	86,602	540,38 ferè
	Peripheria 30	2,500,000,000	Versus	13,397	459,62 & amp.
6	Quad. Sin. Resid.	7,500,000,000	Dimidius	6,698	729,81 & amp.
					Qui quadra- tus efficit nu- meru mul- to maiorem dato, vide- licet
12	Quadra. Sin. 15	669,872,981 & amp.	Sinus ipse	96,592	582,63 ferè
	Residua	9,330,127,019 ferè.	Versus	3,407	417,37 & amp.
			Dimidius	1,703	708,68 $\frac{1}{2}$ & ap.
24	Quad. Sin. 7,30	170,370,868 $\frac{1}{2}$ & amp.	Sinus ipse	99,144	486,14 ferè
	Residua	9,829,629,131 $\frac{1}{2}$ ferè	Versus	855	513,86 & amp.
			Dimidius	427	756,93 & amp.
48	Quad. Sin. 3,45	42,775,693 & amp.	Sinus ipse	99,785	892,33 ferè
	Residua	9,957,224,307 ferè	Versus	214	107,67 & amp.
			Dimidius	107	053,83 $\frac{1}{2}$ & ap.
96	Quad. Sin. 1,52 $\frac{1}{2}$	10,705,383 $\frac{1}{2}$ & amp.	Sinus ipse	99,946	458,75 ferè
	Residua	9,989,294,616 $\frac{1}{2}$ ferè	Versus	53	541,25 & amp.
			Dimidius	26	770,62 & amp.
192	Quad. Sin. 0,56 $\frac{1}{4}$	2,677,062 & amp.	Sinus ipse	99,986	613,80 ferè
	Residua	9,997,322,938 ferè	Versus	13	386,20 & amp.
			Dimidius	6	693,10 & amp.
384	Quad. Sin. 0,28 $\frac{1}{8}$	669,310 & amp.	Sinus ipse	99,996	653,40 ferè
	Residua	9,999,330,690 ferè	Versus	3	346,60 & amp.
			Dimidius	1	673,30 & amp.
768	Quad. Sin. 0,14 $\frac{1}{16}$	167,330 & amp.	Sinus ipse	99,999	163,35 ferè
	Residua	9,999,832,670 ferè	Versus		83,65 & amp.
			Dimidius		418,32 & amp.
1,536	Quad. Sin. 0,07 $\frac{1}{32}$	41,832 & amp.	Sinus ipse	99,999	790,84 ferè
	Residua	9,999,958,168 ferè	Versus		209,16 & amp.
			Dimidius		104,58 & amp.
3,072	Quad. Sin. 0,03 $\frac{1}{64}$	10,458 & amp.	Sinus ipse	99,999	947,71 ferè
	Residua	9,999,989,542 ferè	Versus		52,29 & amp.
			Dimidius		26,14 & amp.
6,144	Quad. Sin. 0,01 $\frac{1}{128}$	2,614 & amp.	Sinus ipse	99,999	986,93 ferè
	Residua	9,999,997,386 ferè	Versus		13,07 & amp.
			Dimidius		6,53 & amp.
12,288	Quad. Sin. 0,00 $\frac{1}{256}$	653 & amp.	Sinus ipse	99,999	996,74 ferè
	Residua	9,999,999,347 & ferè	Versus		3,26 & amp.
			Dimidius		1,63 & amp.



HIS ita certò constitutis, Esto Circulus ACB super E centro descriptus. Et sit BC Latus Polygoni inscripti laterum 393, 216, & angulus BAC ideò part. 0, scr. 0  $\frac{225}{8,192}$ . Erit AB Diameter ad BC latus Polygoni, ut L. 156, 661, 621, 25, 4 ferè, ad L. 1, 0 accuratè. Ad Polygonum verò ipsum, ut L. 156, 661, 621, 25, 4 ferè, ad L. 1, 546, 188, 226, 56, 0 accuratè, Vel, ut L. 156, 661, 621, 25, 4 accuratè, ad L. 1, 546, 188, 226, 56, 0 & ampliùs. Qualium itaque AB Diameter adsumetur partium L. 10, 000, 000, 000, 0 accuratè, Talium Polygonum ipsum erit L. 98, 696, 044, 007, 6 & ampliùs, Seu Qualium Diameter 100, 000 Talium Polygonum 314, 159,  $\frac{265, 35}{1, 000, 000}$  & ampliùs. Ideòque Circulus, qui maior est Polygono inscripto, multò magis & ampliùs. Qui limes est unus ex præfinitis.



ALTER non dissimili methodo ita designatur. Esto rursus Circulus Cγδε super A centro descriptus, & sit CB Semi-Latus Polygoni circumscripti laterum 393, 216. Ideòque Peripheria Cγ part. 0, scr. 0  $\frac{225}{8,192}$ . Erit AC ad CB, ut L. 156, 661, 621, 24, 0 & ampliùs ad L. 1, 0 accuratè, Vel, ut L. 156, 661, 621, 24, 0 accuratè, ad L. 1, 0 ferè. Ideòque ad ipsum Semi-Polygonum circumscriptum, ut L. 156, 661, 621, 24, 0 accuratè, ad L. 1, 546, 188, 226, 56, 0 ferè. Qualium itaque AC Semi-Diameter adsumetur partium 10, 000, 000, 000, 0 accuratè, Talium Semi-Polygonum circumscriptum erit L. 98, 696, 044, 016, 6 ferè, Seu Qualiū Semi-Diameter 100, 000, Talium Semi-Polygonum circumscriptum 314, 159,  $\frac{265, 37}{1, 000, 000}$  ferè. Ideòque Semi-Circulus, qui minor est Semi-Polygono circumscripto, multò magis ferè.



BREVI Tabellâ ἐνοδεγοπιῶν adnotatae sunt Peripheriae in partibus Diametri ad singulas partes quadrantis Circuli: & è regione insertae lineae Rectae congruae, tum inscriptae, tum circumscriptae pro trinâ serie, numeris ad Millefima vsque partium propagatis, ad iustam & benè numerosam MATHEMATICI CANONIS EPITOMEM.



## DEMONSTRATIO LIMITVM SINVS

VNIVS SCRVPVLI.

EX eâdem Tabellâ, Ad Peripheriam part. 0, scr.  $1\frac{127}{128}$  seu  $\frac{450}{256}$  scrup. datur Facundi Residua Hypotenusa L. 38, 247, 469, 458, 861, 026 ferè, in partibus qualium Numerus Peripherie congruus, vt Sinus Recti. Qualium itaque Hypotenusa L. 10, 000, 000, 000, 000, 000, 00 Talium Sinus Peripherie  $\frac{450}{256}$  scr. erit L. 2, 614, 552, 058, 34 & ampliùs.

EX eâdem, ad Peripheriam partium 0, scr.  $0\frac{225}{256}$  datur Facundi Residua Hypotenusa L. 152, 989, 867, 832, 647, 249 & ampliùs, in partibus qualium Numerus Peripherie congruus, vt Sinus recti. Qualium itaque Hypotenusa L. 10, 000, 000, 000, 000, 000, 00 Talium Sinus Peripherie,  $\frac{225}{256}$  scr. erit L. 653, 638, 057, 33 ferè.

ATQVE ita Sinus vnus scrupuli est inter L. 2, 614 552, 058, 34 & ampliùs, & L. 653 638, 057, 33 ferè.

AT descendendo, Vt Peripheria  $\frac{450}{256}$  ad  $\frac{256}{256}$  seu  $\frac{225}{128}$  Maior ad minorem, ita Sinus ad Sinum cum notâ deficientiæ.

ERIT itaque vt L. 50, 625 ad L. 16, 384 ita L. 2, 614, 552, 058, 34 & ampliùs ad L. 846 159, 434, 65 multò magis & ampliùs, id est 29, 088, 819, 59 & ampliùs.

ET ascendendo Peripheria  $\frac{225}{256}$  ad  $\frac{256}{256}$  Minor ad maiorem ita Sinus, ad Sinum cum notâ excessus.

ERIT itaque vt L. 50, 625, ad L. 65, 536, ita L. 653, 638, 057, 33 ferè ad L. 846, 159, 481, 00 multò magis ferè, id est, 29, 088, 82, 056 ferè.

QUONIAM verò inter Peripherias  $\frac{450}{256}$  &  $\frac{225}{256}$  vnus scrupuli, non omninò media est Peripheria  $\frac{256}{256}$  quæsitâ, sed hâc maior  $\frac{31}{256}$ , illâ verò minor  $\frac{29}{256}$ . Differentia inter sinum maiorem & minorem inæqualiter secunda est, seruata Analogiâ, & maius segmentum addendum minori verâ, vel à maiore minus auferendum, vt prodeat tandem Sinus vnus scrupuli satis accuratus.

PORRO Sinu vnus scrupuli satis accuratè ita comparato, comparantur ex Analogia 1<sup>a</sup> inspectionis xij. sinus duorum scrupulorum, deinde quatuor, post octo, sexdecim, & ita continuè duplando. Sinus verò ad tria scrupula, vel ex collatione duorum extremorum satis accurate constituetur, ex quo deinde sinus elicietur sex scrupulorum xij. xxiiij. & ita deinceps, donec Canonica series, pro instituti ratione compleatur. ATQVE HIC ESTO TANDEM

## EXPLICITVS

VNIVERSALIVM INSPECTIONVM AD CANONEM

MATHEMATICVM, LIBER SINGVLARIS.







# ADDITAMENTA LIBRO VNIVERSALIVM

## INSPECTIONVM

### AD CANONEM MATHEMATICVM.

Ad Inspection. IX.

Analogia Peripheriæ Circuli ad Diametrum, satis accurata.

Qualium  
Semidiameter

100,000, 000,00

31,830, 988,62

Deerant in libro huiusmodi numeri.

Talium Peripheriæ  
Semicirculi

314,159, 265,36

100,000, 000,00

Ad caput. 5. Inspectionis XV.

in Γενικαῖς Analogiis.

iiij. Analogia in duabus lineis.

Linea prima.

Linea secunda.

{ Rectangulum sub lineis.  
{ Quadratum è prima.

Quadratum è secunda.

Rectangulum sub lineis.

Deerant huiusmodi termini. Et sub

iiij. In tribus proportionalibus.

Extrema.

Potens mediam & dimidiam extremam adgregatas, minùs dimidiâ extremâ.

Potens mediam & dimidiam extremam adgregatas, minùs dimidiâ extremâ.

Reliquæ adgregatæ.

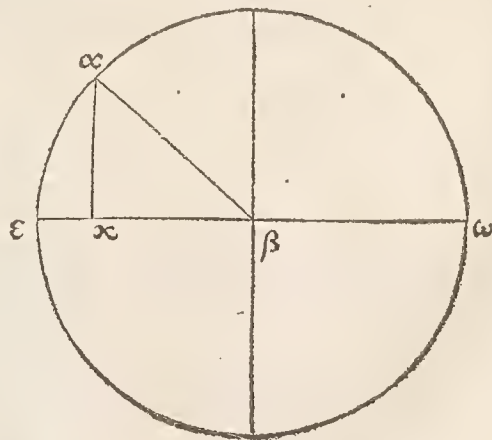
Ad finem capitis 7. eiusdem Inspectionis addi debuerant hæc verba.

DATA autem differentiâ, non adgregato, Quadratum differentiæ additur Rectangulo, & conflatur Quadratum dimidiij adgregati, ut uno Triangulo sit opus duntaxat, quale sequitur.

$\alpha\beta$   
Adgregatum dimidium,  
Seu,  
Differentia dimidia, plus  
termino minore.

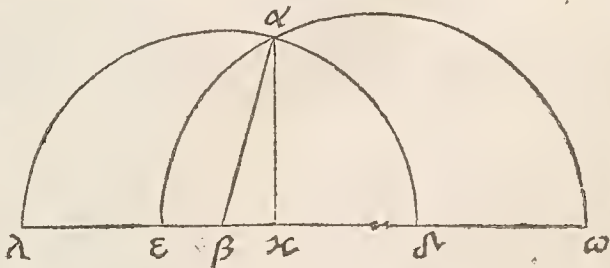
$\kappa\beta$   
Differentia dimidia.

$\alpha\kappa$   
Potens  
Rectangulum.



CONSECTARIUM igitur generale istud esto. Datâ vnâ è tribus proportionalibus, & adgregato duarum reliquarum discerni duas reliquas. Si media, ex isto Theoremate: sin extrema, ex enunciato è quo emanauit posterior Analogia in tribus proportionalibus, videlicet, Rectangulum sub prima & adgregato secundæ & tertiæ cum quadrato dimidiæ primæ, æquari quadrato secundæ & dimidiæ primæ adgregatarum, ut videre est in subiectâ figurâ. Vbi  $\epsilon\kappa$  prima, cum  $\kappa\omega$  adgregato duarum reliquarum, sit Diameter, & bisecatur  $\epsilon\kappa$  in  $\beta$  puncto, centro alius circuli.

Est enim ut  $\epsilon\kappa$  ad  $\kappa\alpha$ , ita  $\kappa\alpha$  ad  $\kappa\omega$ .  
Item ut  $\lambda\kappa$  ad  $\kappa\alpha$ , ita  $\kappa\alpha$  ad  $\kappa\delta$ .  
Et ideo erit ut  $\epsilon\kappa$  ad  $\lambda\kappa$ , id est  $\epsilon\kappa$  plus  $\lambda\epsilon$ , ita  $\kappa\delta$  ad  $\kappa\omega$ , id est  $\kappa\delta$  plus  $\delta\omega$ .  
Et per ἀφαιρεσιν ut  $\epsilon\kappa$  ad  $\lambda\epsilon$ , seu  $\kappa\delta$ , ita  $\kappa\delta$  ad  $\delta\omega$ .



DEEST item cap. 9. eiusdem Inspectionis, quod iam sequitur.



## 9. REGULA, quam vocant, FALSI.

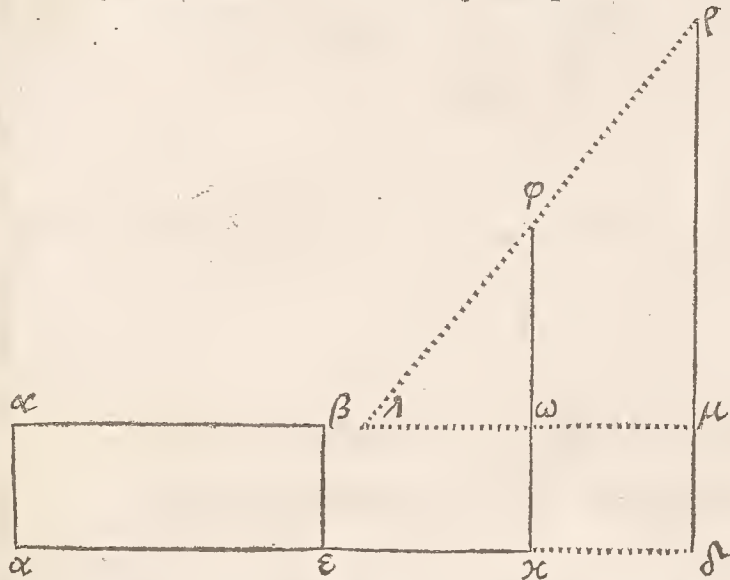
*Si duæ proponantur lineæ à tertiâ quâpiam discrepantes, & nota sit adfectio illarum discrepantiarum, deficientiæ sint, an excessus, ipsa etiam ratio deficientiarum, vel excessuum inter se, vel excessus ad deficientiam, erit tertia Linea data.*

*Analogiâ unâ Geometricâ, secundum quam operatio regulæ, quam vocant, falsi, debuerat institui & demonstrari.*

I	II	III	IIII
Differētia excessuum, vel deficientiarum, In terminis datæ rationis	Differētia linearum, In propriis terminis, vti adsumptæ sunt.	Excessus vel deficientia lineæ primæ vel secundæ, In terminis datæ rationis.	Excessus vel deficientia eiusdem, In terminis propriis.
VEL			
Adgregatum excessus cum deficientiâ.			

### DEMONSTRATIO.

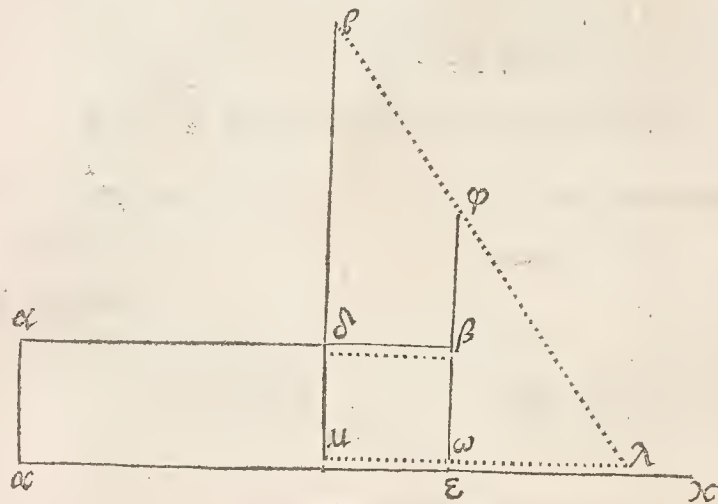
*Adsumantur  $\alpha\beta$  &  $\alpha\chi$  lineæ, & esto utraque deficiens.*



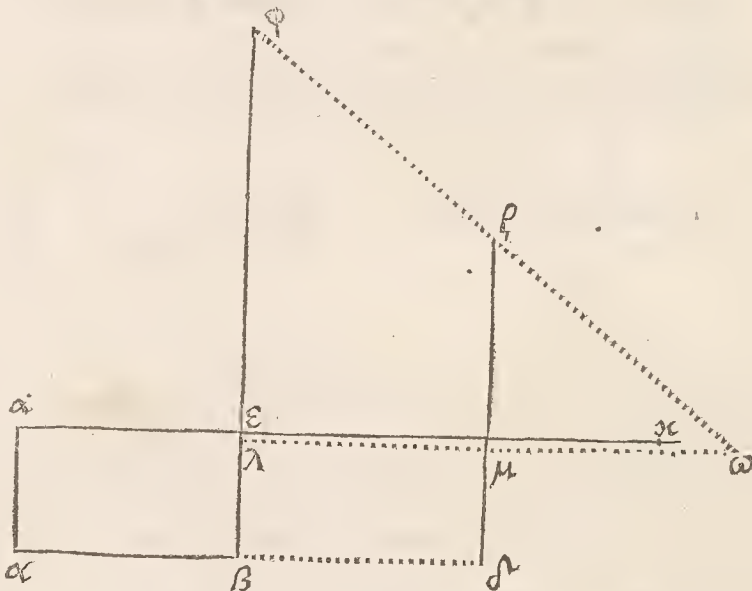
*Qualium in linea  $\alpha\beta$  defectus est  $\lambda\mu$ . Talium in linea  $\alpha\chi$  defectus est  $\chi\delta$ , seu  $\omega\mu$ , quorum differentia  $\lambda\omega$ . Est igitur  $\lambda\omega$  sicut  $\epsilon\chi$  (id est tanta in suis partibus quanta in partibus  $\alpha\beta$  est  $\epsilon\chi$ ) differentia inter datas, cui equalis  $\omega\phi$ . Erit igitur tota  $\lambda\mu$  sicut  $\mu\rho$ . Additina  $\alpha\beta$ , ut detur tertia linea quaesita.*

*Altera deficiens, Altera excedens.*

*Utraque excedens.*



*Qualium in linea  $\alpha\beta$  excessus est  $\beta\delta$  seu  $\omega\mu$ , Talium in linea  $\alpha\chi$  excessus est  $\lambda\mu$ , quorum differentia  $\lambda\omega$ . Est igitur  $\lambda\omega$  sicut  $\epsilon\chi$  differentia inter datas cui equalis  $\omega\phi$ : & ideo erit tota  $\lambda\mu$  sicut  $\mu\rho$ , Ablatina  $\alpha\chi$ , ut detur linea tertia quaesita.*



*Qualium in linea  $\alpha\beta$  deficientia  $\beta\delta$  seu  $\lambda\mu$ , Talium in linea  $\alpha\chi$  excessus  $\omega\mu$ . Cuius adgregatum cum deficientia est  $\lambda\omega$ . Est igitur  $\lambda\omega$  sicut  $\epsilon\chi$  seu  $\lambda\phi$ , ideoque  $\mu\omega$ , ut  $\mu\rho$ , Ablatina  $\alpha\chi$ , ut detur linea tertia quaesita.*

### IN ARITHMETICIS PARADIGMA.

*Proponuntur duo numeri 12 & 36, quorū uterque deficit à tertio quopiam ignoto. Qualiū autem deficientia primi deprehensa est partium 12, talium deficientia secundi deprehensa est partium 8, ut pote hac ratiocinatione. Proponebatur ex facto tertium illum numerū ignotum minutū sui dextate relinquere 14. At 12 minutus sui dextate relinquit 2 tantum, 36 verò relinquit 6. Hic itaq; deficit partibus 8, qualibus ille deficiebat 12. Differētia verò inter 8 & 12 est 4. Qualiū itaq; 4 equatur partibus 24, quibus differūt data, taliū 8 deficientia numeri secundi equabitur 48 partibus, addendis numero secundo, qui est 36, ut conflatur 84 tertius quaesitus.*



*Solite autem operationis ratio in regulâ falsi est huiusmodi.*

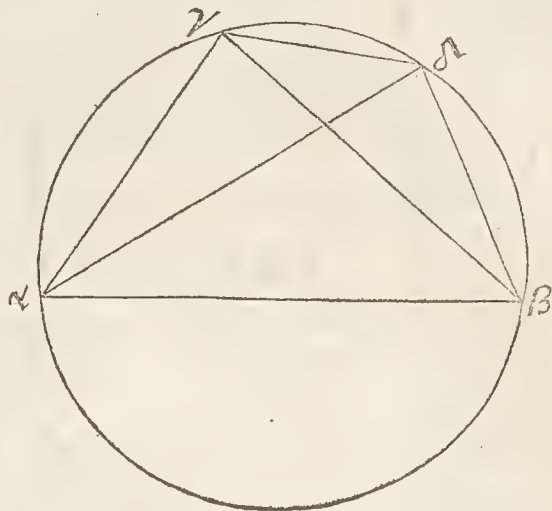
Si qua linea secetur in tria segmenta, Rectangulum sub tota & medio segmento cum Rectangulo sub extremis segmentis, æquatur Rectangulo sub adgregato primi & medij segmenti, & adgregato medij & extremi.

Sit linea  $\alpha\beta$  quæ secetur in punctis  $\gamma$  &  $\delta$ , Rectangulum  $\alpha\beta$  in  $\gamma\delta$ , cum Rectangulo  $\alpha\gamma$  in  $\delta\beta$  æquabitur Rectangulo  $\alpha\delta$  in  $\gamma\beta$ . Ut si linea  $\alpha\beta$ , sit 84, qualium  $\alpha\gamma$  12.  $\gamma\delta$  24 &  $\delta\beta$  48.  $\alpha\delta$  in  $\gamma\beta$  videlicet 36 in 72 efficit 2592, quantum etiam efficit  $\alpha\gamma$  in  $\delta\beta$ , id est, 12 in 48, Cum  $\alpha\beta$  in  $\gamma\delta$ , id est, 84 in 24.

$\alpha\delta$  enim in  $\gamma\beta$  per diarefim est  $\alpha\gamma$  in  $\delta\beta$  & insuper  $\alpha\gamma$  in  $\gamma\delta$  &  $\delta\beta$  in  $\gamma\delta$ . Quibus tribus postremis Rectangulis æquum est Rectangulum  $\alpha\beta$  in  $\alpha\delta$ , cum  $\alpha\beta$  totius particularia segmenta sint  $\alpha\gamma$ ,  $\gamma\delta$ , &  $\delta\beta$ .

Nec interest an linea recta sit vel curva. ut, si in Circulo aliqua Peripheria secetur in partes tres, idem eveniet.

Sed & si in Circulo inscribatur Quadrilaterum  $\alpha\gamma\delta\beta$ , Rectangulum ex diagonijs  $\alpha\delta$  in  $\gamma\beta$  æquabitur Rectangulo subtensa  $\alpha\beta$  in subtensam  $\gamma\delta$  & Rectangulo subtensa  $\alpha\gamma$  in subtensam  $\delta\beta$ . demonstrante Ptolemæo cap. 2. lib. 1.  $\mu\epsilon\gamma\alpha\lambda.\sigma\omega\omega\tau\alpha\zeta$ .



Sunt igitur

Proportionales

IN LINEA SECTA IN TRES PARTES, SIVE  
curva siue recta.

Primum & secundum segmentum adgregata.

Potens duo Rectangula.  
Vnum sub primo & tertio segmento.  
Alterum sub totâ & medio.

Medium & tertium segmentum adgregata.

IN SUBTENSIS.

Subtensa primi & secundi segmenti adgregatorum.

Potens duo Rectangula.  
Vnum sub subtensa primi & subtensa tertij.  
Alterum sub subtensa totius & subtensa medij.

Subtensa medij & tertij adgregatorum.

Diagonium vnum Quadrilateri Circulo inscripti.

Rectangula sub lateribus oppositis alternè.

Diagonium alterum quadrilateri.

IN NOTIS.

$\alpha\delta$

potens  $\left\{ \begin{array}{l} \alpha\gamma \text{ in } \delta\beta \\ \alpha\beta \text{ in } \gamma\delta \end{array} \right\}$

$\gamma\beta$

Et ideo si ex his sex terminis unus ignoretur, ex reliquis dabitur.

Sed & si  $\gamma\beta$ ,  $\delta\beta$ ,  $\gamma\delta$ , non dentur in terminis sed ratio tantum eorundem, nihilominus datur tertia è reliquis ignota. & vicissim si  $\alpha\delta$ ,  $\alpha\gamma$  &  $\alpha\beta$  non dentur in terminis, seu Diagonia una cum duabus inscriptis non oppositis, sed earum ratio tantum, Tertia è reliquis ignota nihilominus dabitur: cum multiplicationes & diuisiones fiant per mensuras homologas.

Secundum quæ cum in proposita quæstione daretur linea  $\alpha\gamma$  &  $\alpha\delta$  in proprijs terminis,  $\gamma\beta$  verò &  $\delta\beta$  cum  $\gamma\delta$  earum differentiâ in terminis data rationis, si à factò  $\alpha\delta$  in  $\gamma\beta$  auferatur factum  $\alpha\gamma$  in  $\delta\beta$ , supererit Rectangulum  $\gamma\delta$  in  $\alpha\beta$ , quod diuisum per  $\gamma\delta$  dabit  $\alpha\beta$  quæsitam.

Excludebat ab Arithmetici regulam falsi PETRVS RAMVS, quia imprudenter ea tractabatur, & sine Geometriâ luce. At iam caligine fusâ regulæ quidem nomen, & ageometrica praxis ab exilio, quod ab homine λογικότητι imperatum est, ne reduciat. Fundamenta verò, quibus ex arte innittitur, retineantur, & extolluntur: & secundum ea præceptiones regulæ, termini que arcè, latève præfinitur.



Ad inspectionem. XIX.

CANONICÆ Analogiæ Sphærici Trianguli rectanguli.

DECADIS IÆ									
PENTAS PRIMA					PENTAS SECUNDA				
	Totus	Sinus	Sinus	Sinus		Totus	Fæcûdus	Fæcûdus	Sinus
I	C	AB	A	CB	VI	C	AC	B	CB
II	C	AB	B	AC	VII	C	CB	A	AC
III	C	AC	A	B	VIII	C	AB	CB	B
IIII	C	CB	B	A	IX	C	AB	AC	A
V	C	AC	CB	AB	X	C	B	A	AB

DECADIS IIÆ				
PENTAS PRIMA				
	Totus	Hypot. <sup>æ</sup>	Sinus	Sinus
IIII	C	B	A	CB
V	C	CB	AB	AC
II	C	AB	AC	B
III	C	AC	B	A
I	C	A	CB	AB

Fuit ordo Decadôn & Pentadôn inuersus in Libro.



DECADIS II <sup>ME</sup>				DECADIS III <sup>ME</sup>							
PENTAS SECUNDA				PENTAS PRIMA				PENTAS SECUNDA			
	Totus	Hypot. <sup>a</sup>	Fæcûdus Fæcûdus		Totus	Hypot. <sup>a</sup>	Sinus Siaus		Totus	Hypot. <sup>a</sup>	Fæcûdus Fæcûdus
VIII	C	B	AB CB	V	C	AC	AB CB	VII	C	AC	A CB
VI	C	CB	B AC	III	C	A	B AC	IX	C	A	AB AC
X	C	AB	A B	I	C	CB	A B	VI	C	CB	AC B
VII	C	AC	CB A	I	C	AB	CB A	X	C	AB	B A
IX	C	A	AC AB	II	C	B	AC AB	VIII	C	B	CB AB

SVB-DECADIS II <sup>ME</sup>				SVB-DECADIS III <sup>ME</sup>							
PENTAS SECUNDA				PENTAS PRIMA				PENTAS SECUNDA			
	Totus	Sinus	Fæcûdus Fæcûdus		Totus	Sinus	Hypot. <sup>a</sup> Hypot. <sup>a</sup>		Totus	Sinus	Fæcûdus Fæcûdus
VIII	C	B	AB CB	V	C	AC	AB CB	VII	C	AC	A CB
VI	C	CB	B AC	III	C	A	B AC	IX	C	A	AB AC
X	C	AB	A B	I	C	CB	A B	VI	C	CB	AC B
VII	C	AC	CB A	I	C	AB	CB A	X	C	AB	B A
IX	C	A	AC AB	II	C	B	AC AB	VIII	C	B	CB AB



## Ad Caput 7. Inspectionis XXV.

Diameter  
159,577  
112,838

Quadratum Diametri  
254,647,908,94  
127,323,954,47

Circulus, &c.  
200,000,000,00  
100,000,000,00

Omissa fuit hæc numerorum series in Libro. In illâ verò mendosè adscriptus est numerus Circuli subduplus iusto.

Error item est in numeris ad Cubum analogis, qui ita sunt restituendi.

Diameter  
2,155  
2,000

QUALIVM  
Cubus

8,000,000,000,  
10,000,000,000,

Cubus.

$\frac{1}{64,000}$  digiti.

TALIVM  
Soliditas Sphæræ. Facta videlicet ex Sphæricâ Superficie,  
& Diametri sextante.

4,188,890,205  
5,235,987,756

Papaver ferè.  $\frac{10,000}{1}$  Arenæ ferè.

## ERRATA ALIA NONNVLLA.

Pagina 12. legendum Ad 1<sup>um</sup> & 2<sup>um</sup> inscriptorum non 3<sup>um</sup>.

Pagina 17. delenda sunt hæc verba, non à matribus filias, & restituenda, non matrem à filiabus.

Pagina 26 suus numerus restituendus est. Item in notis Analogiæ capitis 5. ubi legitur OB & CB restituatur GB & CG. Item in fine pagina ubi legitur AO restituatur AB.

Pagina 28. Linea Ad demonstrationem I. ut Quadratum  $\alpha e$ , legatur à  $\xi$ .

Pagina 33. Ultima nota III<sup>a</sup> Analogiæ esto  $\sigma$ .

Pagina 39 Columnula penultima adscribatur Analogiæ III<sup>a</sup>, non III<sup>a</sup>.

Pagina 44 numerus mendosus est, & congruus reponendus. Eadem pagina inscribatur XXIII ad numerum Inspectionis.

Pagina 50 XXV loco XXIII.

Item, Sub nota A C secunda Analogiæ, Sinus Residui dimidij, id est sinus Complementi dimidia summa Peripheriarum adgregatarum.

Pagina 45 numerus mendosus est, & suus reponendus. Eadem pagina sub IIII termino prima Analogiæ nota sit  $\gamma B$ . Ne verò in figurâ linea A C intelligatur cogi transire per sectionem lineæ  $e v$  in puncto  $\mu$ .

Eadem pagina Sub nota A C secunda Analogiæ, omissa est vox dimidia. Itaque sic legitur, Sinus dimidia differentia Peripheriarum residua, id est, Sinus complementi dimidia.

Pagina 47 ubi legitur, Duo constituuntur Triangula, deest vox rectangula.

Pagina 48 deficient puncta post vocem PL ANI: & in perpendiculo Trianguli descripti ubi legitur BD restituatur AD.

Pagina 57 numerus extremus esto 88,622, non autem 88,623.

Pagina 55. Infinitorum laterum, id est,  $\alpha \pi \epsilon \rho \omega \nu$ , numerosiorum.

Pagina 56. In Syntaxi Diagrammatos loco  $\alpha \omega$ ,  $\alpha \gamma$ , &  $\alpha e$ , substituendum est  $\beta \omega$ ,  $\beta \gamma$  &  $\beta e$ . sed nec omittendum est  $\beta \lambda$  &  $\lambda \gamma$  adgregatas esse Diametrum ipsam auctam quinta parte.

In eadem legendum, Sic qualium.

Rursus in eadem, id est Diameter, erunt.

Pagina 58 ad finem 21. capitis, legendum. Longè accuratior Tetragonismus.

In eadem, error est in numeris lateris Dodecaëdri, qui ita restituantur L, 5,092,880,149  $\epsilon \gamma \gamma \omega \tau \alpha$  71,364<sup>417,21</sup>. In numeris lateris Cubi 115,470,  
053,84 non 74.



## ERRATA NONNVLLA IN CANONE.

(LXIX Scr. XXX)

LXII

LXI

LX

LIX

LIIII

LIII

LII

LI

XLIX

XLVI

Sub serie tertia in inscriptionibus numerorum ad partes ascendentes

metathesis est vocum Hypotenusa, Perpendiculum, &amp; altera in alterius subroganda est locum.

Vbi adscribenda fuerat pars LXXXI ad laeuam irrepsit numerus LXXXV, ideo emendandus

Et ubi XXX ad dextram irrepsit numerus XXVIII.

Item sub parte XXXVII loco scrupul. XXXIIII repetitum est scrupulum XXXIII

Numerus Facundus Perpendiculari scr. XXIII, ita est restituendus 669

Numerus Hypotenusa Baseos scr. XXI, 16, 370, 324

scr. XXII 15, 626, 229

Differentia rubra 744, 095

sequens 679, 392

Numerus Facundus Part. III scr. XLI 6, 437

Part. IIII scr. XXI 7, 607

scr. XLVI 8, 632

Sinus Part. VIII scrupulorum XIX 14, 464

Diffe. rubra inter Facundum Baseos part. eiusdem scr. VII. 1, 456

Facundus Baseos Part. XI scr. V 510, 490

scr. VII

Facundus Baseos Part. XV scrupulor. XIII

Facundus Baseos Part. XXIII scrup. XXXV

scrup. XLI

Sinus Partium XXVII scrupulorum XXX

scrupulorum XL

Facundus Partium XXX scrupulor. XIII

Sinus Baseos Partium XXXI scrupulorum I

Hypot. Baseos Part. XXXII scrup. XXXII

scrup. LVI

Hypot. Baseos Part. XXXIII scr. XLIII

Hypot. Baseos Part. XXXVIII scrupul. III

scrup. V

scrup. VI

Sinus Baseos scrupulorum XXIII

Sinus scrupulorum XXVI

508, 921

367, 217

218, 687

215, 025

46, 175

46, 819

115, 743

85, 701 3

186, 031

183, 938

144, 239

162, 246

162, 125

162, 065

78, 369 3

62, 160

## ERRATA IN CANONIO.

Pag. 31. Numeri primi Baseos non suis sedibus collocantur. Primus ascendentium debuerat esse 1, 3 5 2. Secundus 1, 3 6 0. Tertius 1, 3 6 8. qui primum locum occupauit. Incrementum est per octonarium numerum, & duo duntaxat ultimi suis respondent selidijs. Canonion pauca admodum utilitatis. Potior Canon integer per Prostaphereses puras, quæ incedant per octonarium numerum, aut octonario minorem. Is edetur propediem cum Astronomicarum Inspectionum libris.

## IN CANONIO TRIANGVLORVM per ἐξελόντας.

Facundus Baseos Part. I

57, 17, 23, 46.

## IN EPITOME MATHEMATICI CANONIS.

Facundus II partis

5, 240, 777

Facundus Baseos eiusdem

1, 908, 113, 671

Hypotenusa

1, 910, 732, 264

Sinus V

8, 715, 574

Facund. Perpend.

8, 748, 866

Facundus Baseos

1, 143, 005, 222

Hypotenusa Baseos

1, 147, 371, 316

Hypotenusa Baseos VI

956, 677, 224

Hypotenusa Baseos X

575, 877, 044















DECADIS I <sup>Æ</sup>									
PENTAS PRIMA					PENTAS SECUNDA				
Totus	Sinus	Sinus	Sinus		Totus	Fæcûdus	Fæcûdus	Sinus	
I	C	AB	A	CB	VI	C	AC	B	CB
II	C	AB	B	AC	VII	C	CB	A	AC
III	C	AC	A	B	VIII	C	AB	CB	B
IIII	C	CB	B	A	IX	C	AB	AC	A
V	C	AC	CB	AB	X	C	B	A	AB

DECADIS II <sup>Æ</sup>									
PENTAS PRIMA					PENTAS SECUNDA				
Totus	Hypot. <sup>a</sup>	Sinus	Sinus		Totus	Hypot. <sup>a</sup>	Fæcûdus	Fæcûdus	
III	C	B	A	CB	VIII	C	B	AB	CB
V	C	CB	AB	AC	VI	C	CB	B	AC
II	C	AB	AC	B	X	C	AB	A	B
III	C	AC	B	A	VII	C	AC	CB	A
I	C	A	CB	AB	IX	C	A	AC	AB

DECADIS III <sup>Æ</sup>									
PENTAS PRIMA					PENTAS SECUNDA				
Totus	Hypot. <sup>a</sup>	Sinus	Sinus		Totus	Hypot. <sup>a</sup>	Fæcûdus	Fæcûdus	
V	C	AC	AB	CB	VII	C	AC	A	CB
III	C	A	B	AC	IX	C	A	AB	AC
IIII	C	CB	A	B	VI	C	CB	AC	B
I	C	AB	CB	A	X	C	AB	B	A
II	C	B	AC	AB	VIII	C	B	CB	AB

SVB-DECADIS I <sup>Æ</sup>									
PENTAS PRIMA					PENTAS SECUNDA				
Totus	Hypot. <sup>a</sup>	Hypot. <sup>a</sup>	Hypot. <sup>a</sup>		Totus	Fæcûdus	Fæcûdus	Hypot. <sup>a</sup>	
I	C	AB	A	CB	VI	C	AC	B	CB
II	C	AB	B	AC	VII	C	CB	A	AC
III	C	AC	A	B	VIII	C	AB	CB	B
IIII	C	CB	B	A	IX	C	AB	AC	A
V	C	AC	CB	AB	X	C	B	A	AB

SVB-DECADIS II <sup>Æ</sup>									
PENTAS PRIMA					PENTAS SECUNDA				
Totus	Sinus	Hypot. <sup>a</sup>	Hypot. <sup>a</sup>		Totus	Sinus	Fæcûdus	Fæcûdus	
III	C	B	A	CB	VIII	C	B	AB	CB
V	C	CB	AB	AC	VI	C	CB	B	AC
II	C	AB	AC	B	X	C	AB	A	B
III	C	AC	B	A	VII	C	AC	CB	A
I	C	A	CB	AB	IX	C	A	AC	AB

SVB-DECADIS III <sup>Æ</sup>									
PENTAS PRIMA					PENTAS SECUNDA				
Totus	Sinus	Hypot. <sup>a</sup>	Hypot. <sup>a</sup>		Totus	Sinus	Fæcûdus	Fæcûdus	
V	C	AC	AB	CB	VII	C	AC	A	CB
III	C	A	B	AC	IX	C	A	AB	AC
IIII	C	CB	A	B	VI	C	CB	AC	B
I	C	AB	CB	A	X	C	AB	B	A
II	C	B	AC	AB	VIII	C	B	CB	AB

C Nota anguli Recti.

B  
&  
A Acutorum.

INTERSECTIO, Nota ἀναπληρώματος.

EX LIBRO Vniuersalium Inspectionum FR. VIETÆI ad Canonem Mathematicum.

EXCVDEBAT Ioannes Mettayer in Mathematicis Typographus Regius.

M. D. LXXIX.

CVM PRIVILEGIO.



THESE ARE THE NAMES OF THE  
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